

We have charged your account for services rendered for the
month of DEC 1938

Amount \$1.00

THE PROVIDENT
SAVINGS BANK & TRUST CO.

By Albert Lewis
Asst. Secy. & Treas. - Manager

Harry Gold
49 Glendale St.
Cincinnati, Ohio

PLEASE DEDUCT THIS AMOUNT FROM YOUR BANK BALANCE.

We have charged your account for services rendered for the
month of NOV 1938

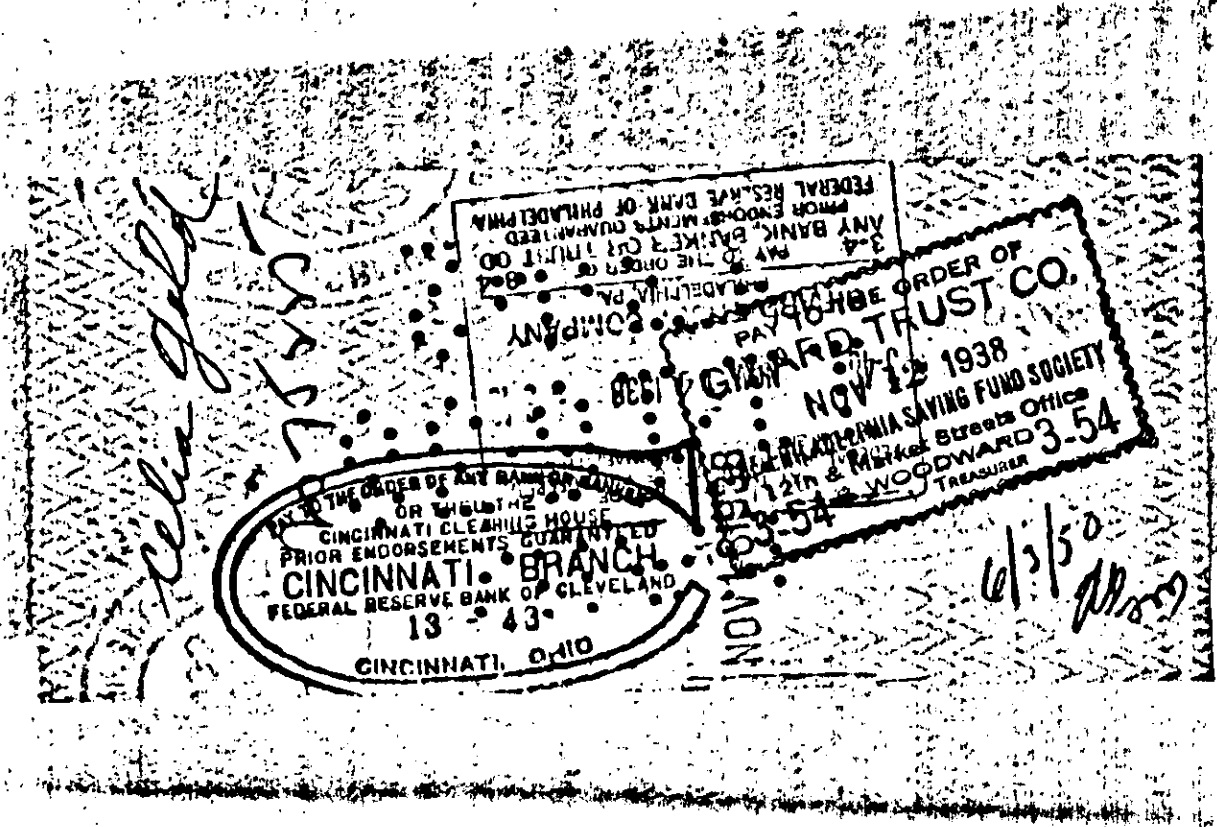
Amount \$.35

THE PROVIDENT
SAVINGS BANK & TRUST CO.

By [Signature]
Asst. Sec'y & Trust Manager

Harry Gold
49 Glendale St.
Cincinnati, Ohio

PLEASE DEDUCT THIS AMOUNT FROM YOUR BANK BALANCE.



Relia Gold
1755

TO THE ORDER OF ANY BANK OR BANKER
OR THROUGH THE
CINCINNATI CLEARING HOUSE
PRIOR ENDORSEMENTS GUARANTEED
CINCINNATI BRANCH
FEDERAL RESERVE BANK OF CLEVELAND
13 - 43
CINCINNATI, OHIO

ANY BANK, BANKER OR TRUST CO.
PRIOR ENDORSEMENTS GUARANTEED
FEDERAL RESERVE BANK OF PHILADELPHIA
PAID TO THE ORDER OF
PHILADELPHIA, PA.
1938

ORDER OF
GUARD TRUST CO.
NOV 12 1938
PENNSYLVANIA SAVING FUND SOCIETY
12th & Market Streets Office
WOODWARD 3.54
TREASURER

NOV 12 1938

6/3/50
W.S.

CLYDEMAN, O. November 5, 1938

THE PROVIDENT SAVINGS BANK & TRUST CO. 13-42

Pay to the order of Mrs. Celia Gold \$35.00

Thirty Five Dollars

Harry Gold

NO. 1
CINCINNATI, O., June 19, 1938
THE PROVIDENT SAVINGS BANK & TRUST CO. 13-42
PAY TO THE ORDER OF Cash \$ 20.00
Twenty Dollars
Harry Gold

No. 8
CINCINNATI, O., November 26, 1932

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE ORDER OF Mrs. Celia Gold \$ 35 1/2

Thirty Five and one-half DOLLARS

Harry Gold

No. 9 CINCINNATI, O. December 26, 1922

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE ORDER OF Cash CASHED FOX \$ 40.00

Forty DOLLARS

Harry Gold

10

John J. Hill

ANY BANK OR BANKER OR ANY OTHER PERSON OR COMPANY SHALL BE HELD RESPONSIBLE FOR THE PAYMENT OF THIS CHECK TO THE ORDER OF THE FEDERAL RESERVE BANK OF CINCINNATI.

348
JAN 6 1939
FEDERAL RESERVE BANK OF CINCINNATI

OR THROUGH ANY OTHER BANK OR BANKER OR THROUGH ANY OTHER PERSON OR COMPANY.

PRIOR ENDORSEMENTS MUST BE MADE BY THE SIGNER.

CINCINNATI BRANCH

FEDERAL RESERVE BANK OF CINCINNATI, OHIO

13

05/30

CINCINNATI, O. *Jan 1, 1933*

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE ORDER OF *Harry Gold* \$ *3.00*

Three and 00/100 DOLLARS

Harry Gold

No. 11
CINCINNATI, O.
THE PROVIDENT SAVINGS BANK & TRUST CO.
PAY TO THE ORDER OF CASHIER
ONE HUNDRED DOLLARS
J. E. JONES, Cashier

THE PROVIDENT SAVINGS BANK & TRUST CO. 1939
CINCINNATI, OH.
No. 123456789
PAY TO THE ORDER OF FOX \$ 200.00
CASHED
DOLLARS



STATEMENT OF
HARRY OLD

Voucher Returned

ON ACCOUNT WITH

The Provident Savings Bank & Trust Co.
CINCINNATI, O.

CHECKS IN DETAIL	DATE	DEPOSITS
BALANCE BROUGHT FORWARD	NOV 12 '38	15122
3500-	NOV 16 '38	
2000-	NOV 19 '38	
3500-	DEC 5 '38	
15-	DEC 15 '38	
4000-	DEC 21 '38	
	JAN 7 '39	15000
300-	JAN 12 '39	
6000-	JAN 14 '39	11583
2000-	JAN 17 '39	
100-	JAN 17 '39	

Statement and Cancelled Checks Returned

Date JAN 17 1939

18290

PLEASE EXAMINE AT ONCE IF NO ERROR IS REPORTED WITHIN TEN DAYS
THE ACCOUNT WILL BE CONSIDERED CORRECT AND VOUCHERS GENUINE

IF NOT DELIVERED IN 5 DAYS, RETURN TO
THE PROVIDENT SAVINGS BANK & TRUST COMPANY
PROVIDENT BANK BUILDING, S. E. COR. 7TH AND VINE STS.
CINCINNATI, OHIO

Harry Gred

*11/16/50
4-29-14*

65-4307-1-B-5(29-14)

THE PROVIDENT SAVINGS BANK & TRUST CO.

**MAIN OFFICE
PROVIDENT BANK BUILDING, 7TH & VINE STS.
CINCINNATI, OHIO
BRANCHES**

**MADISONVILLE BRANCH - 5911 Madison Road
WEST END BRANCH - S. E. Cor. Eighth & Freeman
CENTRAL VINE STREET BRANCH - 1506 Vine Street
EAST END BRANCH - 4015 Eastern Ave. near Carrel St.
FINDLAY MARKET BRANCH - N. E. Cor. Vine & Elder
NORTH CINCINNATI BRANCH - Vine, Calhoun & Jefferson
PRICE HILL BRANCH - Warsaw & Enright - St. Lawrence Corner
NORTHSIDE BRANCH - N. E. Cor. Hamilton Ave. & Knowlton St.
CAMP WASHINGTON BRANCH - S. W. Cor. Colerain & Hopple
MADISON ROAD BRANCH - 2029 Madison Road near Grandin Road
LIBERTY & FREEMAN BRANCH - S. E. Cor. Liberty & Freeman Ave.
FOURTH & MAIN STREETS BRANCH - S. E. Cor. Fourth & Main Streets
TWELFTH & MAIN STREETS BRANCH - N. W. Cor. Twelfth & Main Sts.
WALNUT HILLS BRANCH - N. E. Cor. Meirose and McMillan - Peobles Corner**

FORM 20

No. 27 CINCINNATI, O. March 1, 1939
THE PROVIDENT SAVINGS BANK & TRUST CO.
PAY TO THE ORDER OF Cash CASHED FOX \$20.00
Twenty Dollars
Harry Gold

AY TO THE ORDER OF
ANY BANK, BANKER OR TRUST CO.
PAY TO THE ORDER OF ANY BANK, BANKER OR TRUST CO.
FOR ENDORSEMENT GRANT TO ANY BANK, BANKER OR TRUST CO.
BY THE ORDER OF THE BOARD OF DIRECTORS OF THE NATIONAL BANK

all
40
25/5/17

340
Wm H. Barker, Vice President & Cashier

CINCINNATI, OHIO
CINCINNATI BRANCH
CINCINNATI, OHIO
CINCINNATI, OHIO
CINCINNATI, OHIO
CINCINNATI, OHIO

Henry Markley Jr.

No. 26

CINCINNATI, O., February 23, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO. 1342

PAY TO THE
ORDER OF

Harry Heiner for \$ 10 ⁰⁰/₁₀₀

DOLLARS

Harry Gold

Edith Paul

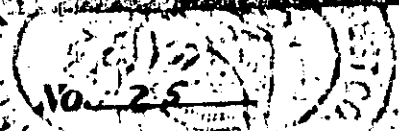
PAID TO THE ORDER OF
THE PENNSYLVANIA COMPANY
on Lives and Granting Annuities
BY TRUSTEES HARRY JOHNSON,
Agent for Clients.

R1-1939
TO THE ORDER
OF ANY
BANKER OR
TRUST CO.
OF ANY
CITY
IN THE STATE OF
OHIO

PAY TO THE ORDER OF
ANY BANK, BANKER OR TRUST CO.
PRIOR ENDORSEMENTS GUARANTEED
FEB 27 1939
THE PENNSYLVANIA CO.
FOR I-L C.S.A.
PHILADELPHIA 3-2

6/3/50
60

John Bowdler



No. 25

CINCINNATI, O., February 20, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO.

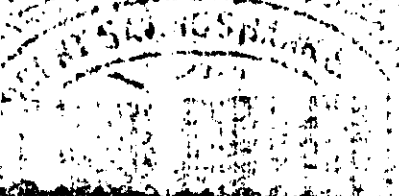
PAY TO THE ORDER OF

1 Mrs. C. J. Gold \$10.00

DOLLARS

Two and no/100

Harry Gold



No. 24

CINCINNATI, O., February 18, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO. 1342

PAY TO THE ORDER OF

CASHED FOX

Cash
Forty
and no cents

\$ 40 ⁰⁰/₁₀₀

DOLLARS

Harry Gold

No. 22

CINCINNATI, O., February 11, 1929

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE
ORDER OF

CASHED
FOX \$ 15.⁰⁰
Fifteen
and no cent
DOLLARS

Harry Gold

No. 22 CINCINNATI, O., February 3, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE ORDER OF *Marshall C. Dougherty* \$ 25 ⁰⁰/₁₀₀

Twenty Five DOLLARS

Marshall C. Dougherty

55

N.W. 1151
CINCINNATI, O. February 4, 1939
THE PROVIDENT SAVINGS BANK & TRUST CO. INC.
PAY TO THE ORDER OF Cash \$38 1/2
Thirty Eight and no cents DOLLARS
Harvey G. ...



No. 2

CINCINNATI, O. February 3, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO.

PAY TO THE ORDER OF

RECEIVED FEB 4 1939

\$ 2.00 DOLLARS

CINCINNATI, O., *February 2, 1939*

THE PROVIDENT SAVINGS BANK & TRUST CO.

ORDER OF *Harry H. Hildner* \$ *8.00*

Eight and 00/100

CINCINNATI, O.

RECEIVED
FEB 2 1939

Harry Hildner

CINCINNATI, O. January 30, 1939

THE PROVIDENT SAVINGS BANK & TRUST CO.

NO. 1111

Pay to the order of Xavier \$ 47⁵⁰/₁₀₀

Forty seven and fifty cents

RECEIVED
FEB 1 1939

Harry H. Old

NO. 1111

THE CITY OF CINCINNATI

THE CITY OF CINCINNATI

CINCINNATI, O. *Jan 19 1919*

THE PROVIDENT SAVINGS BANK & TRUST CO. 1342

PAY TO THE ORDER OF *Mrs. Clara Gold* \$ *3.00*

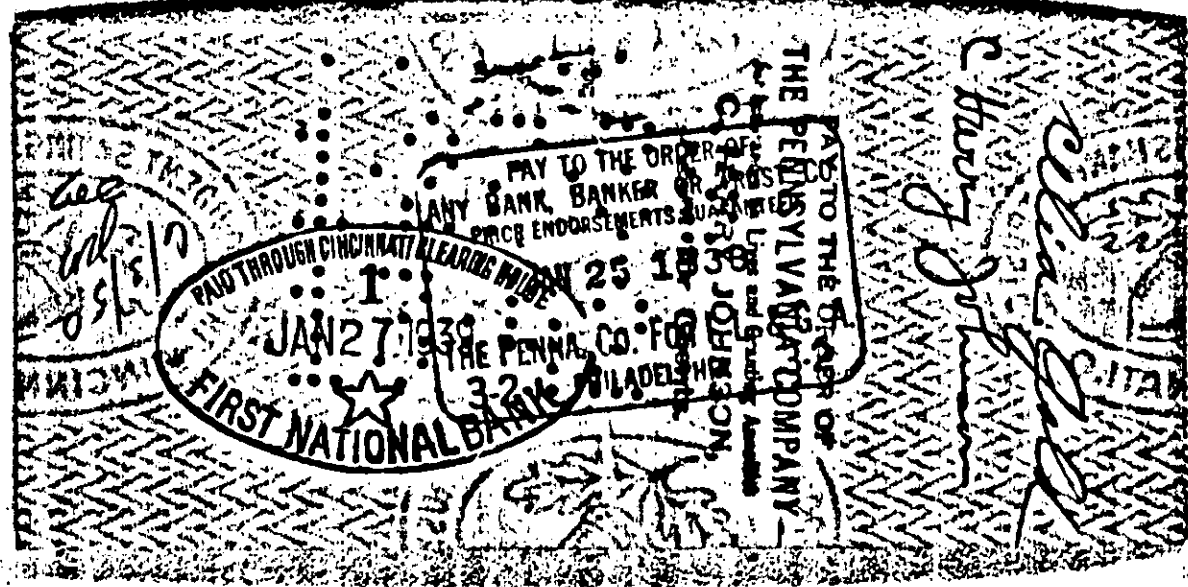
Three DOLLARS

Clara Gold

BANK & TRUST

THE PROVDENT SAVINGS BANK & TRUST CO. 13 42
CINCINNATI, O. JAN 27 1911
PAY TO THE ORDER OF
CASHED FOR \$ 30 00
PROVDENT SAVINGS BANK
CINCINNATI, O.
Wm. H. [unclear]
Wm. H. [unclear]

NO. 1234 CINCINNATI, OHIO January 24 1929
THE PROVIDENT SAVINGS BANK & TRUST CO.
CASHED BY FOX
PAY TO THE ORDER OF Cash \$ 20.00
DOLLARS
INCINNATI
Harry Gold



W. B. ...
CINCINNATI, O. ... 1917
No. ...
THE PROVIDENT SAVINGS BANK & TRUST CO.
PAY TO THE ORDER OF ...
...
... DOLLARS ...
...
...

Form 113 (2024) 7-22-77

Cincinnati, O. FEB 16 1939 19

We have charged your account for services rendered for the
month of JAN 1939 19

Amount \$.21

THE PROVIDENT
SAVINGS BANK & TRUST CO.

By *[Signature]*
Clerk & Trust Manager

Harry Gold
49 Glendale St.
Cincinnati, Ohio

PLEASE DEDUCT THIS AMOUNT FROM YOUR BANK BALANCE.

Cincinnati, O. MAR 18 1939

We have charged your account for services rendered for the

Amount \$1.00

FEB 1939 19

THE PROVIDENT SAVINGS BANK & TRUST CO.

By *Alfred J. ...*
Asst. Sec'y & Cash. Manager

Harry Gold
49 Glendale St.
Cincinnati, Ohio

PLEASE DEDUCT THIS AMOUNT FROM YOUR BANK BALANCE.



STATEMENT OF

HARRY GOLD

Voucher Returned

IN ACCOUNT WITH

THE PROVIDENT SAVINGS BANK & TRUST CO.
CINCINNATI, O.

CHECKS IN DETAIL	DATE	DEPOSITS
BALANCE BROUGHT FORWARD	JAN 17 '39	18290
20.00 ✓	JAN 24 '39	
35.00 ✓	JAN 27 '39	
30.00 ✓	JAN 28 '39	
25.00 ✓	FEB 1 '39	
8.25 ✓	FEB 2 '39	
20.00 ✓	FEB 4 '39	
38.00 ✓	FEB 4 '39	
3.00 ✓	FEB 8 '39	4000
15.00 ✓	FEB 11 '39	
25.00 ✓	FEB 11 '39	
2.00 ✓	FEB 13 '39	
21.00 ✓	FEB 15 '39	79.75
40.00 ✓	FEB 16 '39	
10.00 ✓	FEB 18 '39	
20.00 ✓	FEB 28 '39	
10.00 ✓	MAR 1 '39	
	MAR 2 '39	
	MAR 10 '39	12000

Statement and Ledger prepared and assigned

Date 2-10-39

By 126-19

PLEASE EXAMINE AT ONCE IF NO ERROR IS REPORTED WITHIN TEN DAYS THE ACCOUNT WILL BE CONSIDERED CORRECT AND VOUCHERS GENUINE

FED. OF ARCH. ENG. CHEM. & TECH.
C. I. O.
187 Arch Street
PHILADELPHIA, PA.

50329. Boulevard St
Henry Cold
~~2540 S. Pilepp St~~
Ct



6/1/50
pd
29-16

65-4307-1-B-5 (29-16)

Oct 31/38

Mr. Scapidi -
Dear Sir -

I succeeded in getting my papers Mr. Malby was not in.

They sent me to the 1st floor and was interviewed by #130th after waiting until after lunch. No questions were asked, he looked at the slips and sent me out.

My next move is to the relief station tomorrow - I will not see you again until the last of the week.

My Ident. No is 4486-30253

Pink slip dated Aug 20/38

" Transfer slip " Sept. 2/38

Very Respectfully
A. N. Gilman

6/3/50
20
600

Federation of Architects & Engrs.
(Mr. Scofield) Parlow
Jul. 9 1921
(2-450 click)

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1-B-5 (29-18)
(P.S. CO.)

The above was shown to GOLD on 6/17/50, at which time he said that the handwriting on this single page was his. He said that this was a rough draft report for his superior, FRED, and was concerned with the exhibit entitled "PENNA. SUGAR CO." GOLD said that this was submitted to FRED in 1938.

TSM:HEF
65-1307

Item #29

P. S. Co.

The workers at the P. S. Co. together with those of the other two refineries in Philadelphia went on strike Thursday after three weeks of negotiations had fallen through; the big difficulty is the closed shop. Neither of these three refineries are attempting to run. First, the laboratory men were told to stay there til further notice; then we were told to take our vacations effective Saturday, July 2.

The union is still negotiating with the company but it is very difficult to say whether the strike will be settled in a week or in a month.

Con'd. 6/17/50
Tfm

KHO:mtp
65-1307

P. S. Co.

6/2/50

6

The workers at the P.S. Co. ~~are~~
~~at the~~ together with those of the
other two companies in Philadelphia

Franklin & ...

on strike & Sunday after the
of negotiation have had fallen there
with big difficulty in the hard days
written of the time refused an attempt

to ...
Franklin in the labor they were in
hand & told to stay there but further
notice; then we were told to take
our vacations after the ~~...~~
see car of 4-48.

... in ...
... is very difficult
to say whether the strike will be
settled in a week or ~~...~~

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-4307-1-B-5 (29-18)

RECOVERY OF CO₂ FROM FLUE GAS

The above was shown to GOLD on June 18, 1950 at which time he stated that these two pages were in his handwriting and were a rough draft of a report, the final form of which he submitted to FRED sometime in 1938.

GOLD stated that this was additional material on CO₂ recovery, and that the second page consists merely of rough calculations.

tam/rac
65-4307

Item # 29

Recovery of CO 2 from Flue Gas

At the time the strike broke (June 23) the work had reached the stage where the horizontal agitator using the two foot method had proved very successful - the exit gas averaged 2.0%. Thereupon Art Simons had immediately begun the work on the design of the 20 ton dry plant and had reached the stage where he was ready to detail the drawings so that bids could be asked on the work.

In the ~~laboratory~~ ^{plant} runs we made using small amounts of ~~air~~ ^{air} with Na 2, CO2, used as a catalyst and had obtained 50 to 100% greater absorption per unit of ~~air~~ ^{air} vol. Experiments were in progress on the effect of continued heating for on the surface when the strike interrupted.

absorb volume.
(disassociation)

Call. 6/14/50
Hm.

REC:mp
65-1307

Recovery of C.I. from the ...

C

at the time the strike broke (June 23) the
 work had reached the stage where the
~~the~~ ~~more~~ ~~particular~~ ~~agitation~~ ~~among~~ ~~the~~
 2 ft with had proven very successful
 - the visit was arranged 2:30. ~~at~~
 7 am on 27th ~~the~~ ~~men~~ ~~and~~ ~~immediately~~
 began the work on the design of the
 20 ton / day plant & had reached the stage
 of ~~the~~ ~~work~~ ~~to~~ ~~be~~ ~~ready~~ ~~to~~ ~~start~~ ~~the~~ ~~work~~
~~showing~~ ~~no~~ ~~that~~ ~~bids~~ ~~could~~ ~~be~~
 asked on the work. ~~we~~ ~~made~~ ~~many~~
~~to~~ ~~the~~ ~~and~~ ~~on~~ ~~the~~ ~~1st~~ ~~of~~ ~~the~~ ~~month~~
~~with~~ ~~the~~ ~~Navco~~ ~~and~~
 as a catalyst ~~the~~ ~~work~~ ~~was~~ ~~done~~
 obtained ~~results~~ ~~of~~ ~~abs.~~ ~~vol.~~ ~~of~~ ~~50~~ ~~to~~ ~~100~~ ~~70~~
 greater slope per unit of abs. vol. ~~work~~
 was in progress on the effect of continued
~~the~~ ~~work~~ ~~on~~ ~~the~~ ~~effect~~ ~~of~~ ~~continued~~
~~the~~ ~~work~~ ~~on~~ ~~the~~ ~~effect~~ ~~of~~ ~~continued~~
 on the record when the strike had terminated

6/2/50
 JPB
 GSB

180

370

0.36 mole liter

(2.0 x 10^-2) (1.0 x 10^-2) = 2.0 x 10^-4

2.0 x 10^-4 mole

Colours

14 g. Na2CO3
9 g. NaHCO3
35 g. Na2CO3 + NaHCO3

+

2 g. Na2CO3
7 g. NaHCO3
7 g. NaHCO3

Costs

Net Sales	100.00
Cost of Goods Sold	40.00
Net Income	60.00
Expenses	10.00
Profit	50.00

due
1/2
05/2/0

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-4307-1-B-5 (29-1B)

WORK TO BE DONE ON FLUE GAS

The above exhibit, consisting of six pages of handwritten notes, was shown to GOLD on 6/18/50 at which time he admitted that it was in his handwriting and was a rough draft of a report, the final form of which was given to his Soviet superior FRED sometime in 1938.

GOLD stated that this material was on research being conducted by Dr. REICH and GOLD at Pennsylvania Sugar on the possibility of recovering CO₂ from flue gas.

Relative to page 4, it will be noted that the last line reads, "Next meeting April 30". GOLD said that this probably refers to the next meeting between FRED and himself and probably it did not take place as GOLD was hurt in an explosion.

Relative to the dates appearing in the material on page 5, GOLD offered two possibilities:

- (1) These were dates GOLD hoped to furnish the information to FRED.
- (2) Dates when the actual completion of the work was expected.

GOLD stated that the plan on CO₂ recovery never got to operating, and added that this was what got GOLD interested in the theory of thermal diffusion of gases.

tsm/rac
65-4307

cc: 65-4337

Item 29
PS 55-1307

Work to be done on flue gas

As has been previously stated, the work at the PS Co. has been carried to a point where a one ton/day plant has been successfully run and construction should begin on a 20 ton/day plant. Actually this point had been reached four months ago; what had held up progress had been the construction and trial of an absorption system in which the paddles were driven from a vertical shaft when a more logical procedure would have been the development and design of larger horizontal agitators in which the absorber of the vertical shaft was the idea of E. H. HOOLERS, the V.P. and General Manager of the PS Co., and was due to his fear that over 360 stuffing boxes would be required on the 20 ton one day absoyn system if the original 6 3/4" dia agitators were used. He simply would not listen when we tried to tell him that the principle of the small wheels could be transferred on a large scale; in fact ART SIMERS, the mechanical engineer and the

Con'd. 6/11/50
JH

NRB:cbn

4/13/50
7/5
500

as I have previously stated, the work
 of the P.D. Co. has been carried to a point
 where a 20 ton/day plant has been
 carefully planned and construction is
 under way. A 20 ton/day plant, actually, the
 plant had been decided for a number
 of years but has held up for the purpose
 of the construction and trial of a
 suspension system in which the paddles
 were driven from a vertical shaft with
 the more logical procedure would have
 been the construction of a horizontal
 shaft agitator. A unit containing three
 shafts as attached with the vertical
 shaft was the idea of W. H. Hoodless, the
 General Manager of the P.D. Co. and was
 due to his fear that over 500 stuffing
 boxes would be required on the 20 ton
 day system if the original 6 ft. dia
 shaft agitator were used. He simply would
 not believe when we tried to tell him
 that the principle of the small shaft
 could be applied on a large scale
 and in fact, at Dunsmuir, the
 mechanical engineer and ~~was~~ the

most competent man on the job, was almost fired for remonstrating with the grand Puro-Dah. The vertical test was tried out and proved a terrific failure; from an average entrance gas of 13.0% CO₂ the exit gas was 9 and 10% as compared with 2% using the horizontal agitators. Changes were made, one including the braxing of 752 pieces of screening to the paddles (the cost of building this unit on a large scale would have been tremendous) but the results were just as poor as before.

An absorber equipped with horizontal wheels two feet in diameter has now just been completed, and the tests should be completed in about six weeks and the data will be reported as soon as it is obtained. As regards the material already submitted the general plan followed has been

Con'd. 6/18/50
JRM

WBS:ebn

... almost full ...
the grand ...
was ...
failure ...
gas of 10.7% CO₂ ...
9 and 10.7% ...
... horizontal agitator ...
changes ...
the buying of 752 pieces of ...
to the paddles (the cost of holding this ...
unit on a large scale ...
been ...), but the result ...
will just as good as before.
Another ... equipped with ...
horizontal ...
now just ... completed and the ...
... should be completed in ...
about ... weeks and the ... data ...
will be reported as soon as ...

6/3/50
200
600

As regards the material already submitted the general plan followed has been

Item # 29
PH 65-1307

1. A general description of the process.
2. A description of the method involved.
 - a. Gas washing
 - b. Absorption
 - c. Material transfer
 - d. Composition
3. Sketches showing the design and construction of the apparatus.
4. Notes on miscellaneous details, also any changes made. All of the data as related to the ton/day plant except where specifically mentioned but the larger viewpoint that this is only a pilot plant has always been maintained. The basic idea of the transmission of the vital information first has been rigidly adhered to. Should any unforeseen interruptions have occurred most of the essential material would already have been at hand. Now comes compression.

- ↑ separate page only ↓
5. The "filling in" process ^{comprising} of all important data which was not absolutely essential, but which will save our people a great deal of work. This will consist of
 - a. Details which they could work out for themselves by which they will thus be spared the labor and time if they have already done so the comparison will be useful.
 - b. Data obtained by trial and error.

6. The results and design of the larger (2 foot) horizontal agitator
7. The plans of the 30 ton/day plant after his sad experience in designing an absorption system HOOLES has promised to give us (those working on this problem) a free hand in its design and construction. It is thus to be hoped that this unit will be completely scientific and modern as both Dr. REICH (the Head of Research) and ART LINDERS (the designer) are extremely capable.

A time schedule for the work to be done may thus be given.

8. The "filling in process"
 - (a) Flow sheet and complete material balance of process for data as corrected to date. Next meeting April 30.

WED:cm

Corrected
for

a general description of the
 a description of the ~~design~~ ~~and~~ ~~construction~~
 a description of the ~~design~~ ~~and~~ ~~construction~~
 a description of the ~~design~~ ~~and~~ ~~construction~~
 a description of the ~~design~~ ~~and~~ ~~construction~~

6/1/50
 JWB
 8/10

sketches showing the design and
 construction of the apparatus
 with an ~~illustration~~ ~~of~~ ~~the~~ ~~apparatus~~ ~~and~~ ~~the~~ ~~method~~ ~~of~~ ~~operation~~
 any changes ~~made~~ ~~in~~ ~~the~~ ~~design~~
 all of the ~~data~~ ~~relating~~ ~~to~~

the ~~present~~ ~~plant~~, except where
 specifically mentioned, but the
 larger viewpoint that, this is only
 a pilot plant has always been maintained
 the basic idea of the transmission
 of the vital information part has
 been rigidly adhered to, should
 any unforeseen interruption have
 occurred ~~most~~ ~~of~~ ~~the~~ ~~data~~ ~~relating~~ ~~to~~ ~~the~~ ~~apparatus~~
 method would already have been
 set down ~~now~~ ~~and~~ ~~the~~ ~~company~~
 for the filing in ~~the~~ ~~present~~ ~~of~~ ~~all~~
 important data which ~~is~~ ~~not~~ ~~being~~
 not necessarily essential but which
 will ~~be~~ ~~of~~ ~~use~~ ~~to~~ ~~our~~ ~~people~~ ~~and~~

Item #24
FH 65-1307

- b. Complete discussion of the theory of absorption. This is extremely important as the success of the whole process depends on its correct application.
- c. Revised data on cleansing of F.O. from soot particles. For May 14.
- d. Notes on technique of material transfer. The hard cake formed by the cooling of the system ~~lab II at 20/ha²~~ as well as the decomposed liquid can be most troublesome unless one knows exactly how to handle it.
- e. Notes on technique and theory of decomposition for May 20.
- f. Report on results and design of 2 ^{foot} quart horizontal agitator. For June 11.
- g. Notes on mechanical details and general clean up of work. For June 25.
- h. Here the actual design of the 20 ton/day plant should begin. (Actually Dr. REICH had hoped to get it ~~moving~~ by September, but I think this estimate is too optimistic) and the work will be reported as soon as available, as I have had no experience in such.

Con'l. 6/18/50
JBR

WRB:obz

"Solution { NA_2CO_3
 $NAHCO_3$ } $NaHCO_3$ precipitate"

... of details which they could ...
... out for themselves, but which they will
... the speed of the ...
... have already done ...
... will be ...

6/2/50
900
577

2. Data obtained by trial & error
3. The results of design of the large
(2 ft) horizontal agitator

The plans of the 20 ton/day plant
After he had explained in detail
designing an agitator system, Powell
has promised to ~~to~~ give us (those
working on this problem) a full hand
drawn construction. It is thus to be
hoped that this must ~~be~~ ^{be} ~~as~~
scientific & ~~as possible~~ as
both Dr. Reich (the head of research)
and our business (the designer) are
extremely capable

a time schedule for the work
to be done may thus be given
5. All other in process
6. Final list and material balance of process
for data as far as to date

April 20

Mem 29
PE 4-130

matters it is very difficult for me to place a time limit for a complete report on the construction and operation of the plant. Much of the data will be unknown until the plant is actually running for some time as no one else has ever done anything similar to it, and we only can observe what happens, not what we hope would happen -- theorizing as to results in such a case is very hazardous. Thus, a fairly conservative estimate of the time required to completely finish the report on the 20 ton/day plant would be about the end of December 1938.

W.B:ebn

Con'd. 6/11/50
Tgn

a. Complete description of the theory of absorption, and a detailed account of the various methods of the present day, and a comparison of the results.

b. Revised data on cleaning of T. from soot particles. For May 1950. 6/3/50
9/10
9/9

c. Note on technique of material transfer. The dust cake formed by the cooling of the ~~rotor~~ system ~~to~~ ~~con~~ ~~form~~ ~~the~~ ~~ice~~ ~~as~~ ~~well~~ ~~as~~ ~~the~~ ~~decomposition~~ ~~of~~ ~~the~~ ~~ice~~ ~~cake~~ ~~is~~ ~~the~~ ~~most~~ ~~troublesome~~ ~~and~~ ~~is~~ ~~known~~ ~~exactly~~ ~~how~~ ~~to~~ ~~handle~~ ~~it~~ ~~by~~ ~~the~~ ~~use~~ ~~of~~ ~~the~~ ~~proper~~ ~~techniques~~ ~~and~~ ~~the~~ ~~use~~ ~~of~~ ~~the~~ ~~proper~~ ~~materials~~.

d. Note on decomposition. For May 1950. ~~For May 1950~~

e. Report on results & design of a 75 horsepower agitator. For June 1950.

f. Notes on mechanical details & general cleanup of work. For June 1950.

g. Give the actual design of the rotor.

h. The plant should be repaired as quickly as possible. Dr. Reich had hoped to get it started by September 1st but I think this estimate is too optimistic and the work will be reported as soon as available. as I had had no experience with this

... was very new design ... for me to
... a complete ...
... construction & operation of
... of the date ...
... the plant ...
... as no one ...
... to ... only ...
... what happens ...
... very dangerous ...
... of the time ... to complete
... the ... to ...
... about the end of ... 1938

6/3/38
700
859

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1-B-5 (29-18)
(PENNA. SUGAR CO.)

The above is one page containing handwritten notes of GOLD.

On 6/17/50 GOLD advised that this was a rough draft of a report for FRED and was written in about 1938. GOLD said that there was a big strike at PENNSYLVANIA SUGAR which began about February of 1937 and lasted five weeks, and during that time GOLD did not work but did not report that to STEVE because he was afraid of what STEVE might say. GOLD said, however, that judging from the date in the above exhibit, he would guess that that concerned a smaller strike in June of 1938.

TSM:HEF
65-1307

cc: 65-4337

cc: 65-4335

Item #29

Penna. Sugar Co.

The strike at the Penna. Sugar Co. (began on June 23) was settled in the week ending July 12, and work was begun immediately. The settlement also included the McCahan Refinery, but the Franklin Company still held out though they must soon come to an agreement or lose all of their business. The terms included a closed shop, no pay cut, a week's vacation with pay. There is also an unusual clause providing seniority rights for a "labor pool", so that if one refinery is slow, workers can temporarily be transferred to the other refinery in order of seniority.

Con'd. 6/17/50
JGM

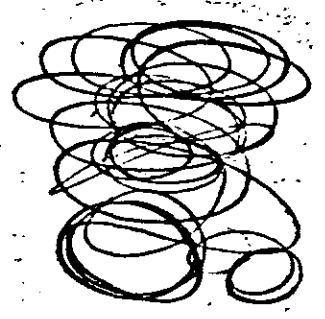
6/3/50
R.S.
2077

Pennsylvania Lumber Co

The contract at the Pennsylvania Lumber Co (beginning June 23) was settled ~~the~~ work was ~~to stop~~ beginning July 1st & work was ~~to stop~~ being immediately. The settlement also included the McCowan refinery but the Franklin Co. still held out tho they must soon come to an agreement or lose all of their business.

The terms included a closed shop, no pay cut, ~~as guaranteed of 40 hrs a~~ a week no vacation with pay,

The ~~union~~ also ~~agreed~~ providing for a "labor pool" so that if ~~one~~ refinery is slow ~~temp~~ ^{priority} ~~workers~~ can be transferred to the other refinery in order of seniority.



SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-1307-1-2-3 (29-16)

SPECIFIC GRAVITY TABLE

The above exhibit was shown to GOLD on 6/18/50. He stated that this photostat was merely a reference table on specific gravity which was used a great deal by chemists. He stated that the word "HARRY" was not in his handwriting, but was probably written by Dr. GUSTAV REICH or Miss CATHERINE ROAG.

tsm/rac
65-1307

**SPECIFIC GRAVITY OF SOLUTIONS OF SODIUM
CARBONATE AT 15° C. (59° F.)**

Sp. Gr.	°Ba.	°Tw.	Percent by weight		1 liter contains grams		100 gallons contain pounds	
			Na ₂ CO ₃	Na ₂ CO ₃ · 10H ₂ O	Na ₂ CO ₃	Na ₂ CO ₃ · 10H ₂ O	Na ₂ CO ₃	Na ₂ CO ₃ · 10H ₂ O
1.007	1	3.4	0.67	1.81	6.8	18.2	5.6	15.2
1.014	2	2.8	1.33	3.59	13.5	36.4	11.3	30.4
1.022	3	4.4	2.09	5.64	21.4	57.6	17.8	48.0
1.029	4	5.8	2.76	7.44	28.4	76.6	23.7	63.9
1.036	5	7.2	3.43	9.25	35.5	95.8	29.6	79.9
1.045	6	9.0	4.29	11.6	44.8	120.9	37.3	100.8
1.052	7	10.4	4.94	13.3	52.0	140.2	43.4	116.9
1.060	8	12.0	5.71	15.1	60.5	163.2	50.5	136.1
1.067	9	13.4	6.37	17.2	68.0	183.3	56.7	152.9
1.075	10	15.0	7.12	19.2	76.5	206.4	63.8	172.1
1.083	11	16.6	7.88	21.3	85.3	230.2	71.1	192.0
1.091	12	18.2	8.62	23.2	94.0	253.6	78.4	211.5
1.100	13	20.0	9.43	25.4	103.7	279.8	86.5	233.4
1.108	14	21.6	10.2	27.5	112.9	304.5	94.2	253.9
1.116	15	23.2	10.9	29.5	122.2	329.6	101.9	274.8
1.125	16	25.0	11.8	31.9	132.9	358.3	110.8	298.8
1.134	17	26.8	12.6	34.0	143.0	385.7	119.3	321.7
1.142	18	28.4	13.5	35.5	150.3	405.3	125.4	338.0
1.152	19	30.4	14.2	38.4	164.1	442.4	136.9	369.0



SAC

June 8, 1950

ALBERT L. PIERCE, SA

HARRY GOLD, WAS.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper, apparently in GOLD's handwriting, some of which bear the heading "Penna. Sugar Co." and "Recovery of CO 2 from Flue Gas." These sheets apparently were reports made by GOLD to his superiors regarding a strike at the Pennsylvania Sugar Company, and the general operation of the plant, with particular emphasis on the recovery of CO 2 (carbon dioxide) from fluegas. These sheets list complete steps of the general plan followed by the plant in this connection.

Since GOLD's handwriting was very poor, typewritten copies of these sheets have been prepared and are attached to this memorandum. Additional copies were made which have been attached to each exhibit page.

LEADS:

Will exhibit these sheets to HARRY GOLD for his interpretation regarding their meaning.

Will question him regarding the type of information desired by his superiors in connection with recovery of carbon dioxide from fluegases, and the person for whom this information was obtained, in addition to the dates involved.

Will question him regarding the possibility that his superiors were interested not only in the work done at the Pennsylvania Sugar Company regarding the recovery of carbon dioxide from fluegases, but also in the general question

ALP:MEM:G
65-4307

MEMO SAC /

6/8/50

7
of recovery of such waste materials by thermo diffusion methods, and the possibility that his paper on this subject may have been prepared for transmittal to his superiors in espionage activity.

Item #29

Recovery of CO₂ from flue gas
Work to be done

RHO:HKP
65-1307

Item #29

P. S. Co.

The workers at the P. S. Co. together with those of the other two refineries in Philadelphia went on strike Thursday after three weeks of negotiations had fallen through; the big difficulty is the closed shop. Neither of these three refineries are attempting to run. First the laboratory men were told to stay there til further notice, then we were told to take our vacations effective Saturday, July 2.

The union is still negotiating with the company but it is very difficult to say whether the strike will be settled in a week or in a month.

RHO:stp
65-4307

Item #29

Recovery of CO₂ from Flue Gas

At the time the strike broke (June 23) the work had reached the stage where the horizontal agitation using the two foot method had proved very successful - the exit gas averaged 2.0%. Thereupon Art S. had immediately begun the work on the design of the 20 ton dry plant and had reached the stage where he was ready to detail the drawings so that bids could be asked on the work.

-- on time we made -- using small amounts -- with Na₂CO₃, used as a catalyst and had obtained 50 to 100% greater absorption per unit of Abs.Sol. Experiments were in progress on the effect of continued heating for -- on the surface when the strike interrupted.

RHI:mtp
65-1307

Item #29
EX 6-1307

Work to be done on flue gas

As has been previously stated, the work at the PS Co. has been carried to a point where a one ton/day plant has been successfully run and construction should begin on a 20 ton/day plant. Actually this point had been reached four months ago; what had held up progress had been the construction and trial of an absorption system in which the paddles were driven from a vertical shaft when a more logical procedure would have been the development and design of larger horizontal agitators in which the absorber of the vertical shaft was the idea of W. H. HOODLERS, the V.P. and General Manager of the PS Co., and was due to his fear that over 360 stuffing boxes would be required on the 20 ton one day abspn system if the original 6 3/4" dia agitators were used. He simply would not listen when we tried to tell him that the principle of the small wheels could be transferred on a large scale; in fact ART LINDERS, the mechanical engineer and the

WRB:ebn

Item #29
PH 65-4307

most competent man on the job, was almost fired for remonstrating with the grand Pwo-Bah. The vertical sent was tried out and proved a terrific failure; from an average entrance gas of 13.0% CO₂ the exit gas was 9 and 10% as compared with 2% using the horizontal agitators. Changes were made, one including the brazing of 752 pieces of screening to the paddles (the cost of building this unit on a large scale would have been tremendous) but the results were just as poor as before.

An absorber equipped with horizontal wheels two feet in diameter has now just been completed, and the tests should be completed in about six weeks and the data will be reported as soon as it is obtained. As regards the material already submitted the general plan followed has been

WRB:ebn

Mem # 29
PH 65-1307

1. A general description
 2. A description of the method involved.
 - a. Gas washing
 - b. Absorption
 - c. Material transfer
 - d. Composition
 3. Sketches showing the design and construction of the apparatus.
 4. Notes on miscellaneous details, also any changes made all of the data as related to the ton/day plant except where specifically mentioned but the larger viewpoint that this is only a pilot plant has always been maintained. The basic idea of the transmission of the vital information first has been rigidly adhered to. Should any unforeseen interruptions have occurred most of the essential material would already have been at hand. Now comes compression.
 5. The "filling in" process of all important data which was not absolutely essential, but which will save our people a great deal of work. This will consist of
 - a. Details which they could work out for themselves by which they will thus be spared the labor and time if they have already done so the comparison will be useful.
 - b. Data obtained by trial and error.
 6. The results and design of the larger (2 foot) horizontal agitator
 7. The plans of the 20 ton/day plant after his sad experience in designing an abspn. system HOODLER has promised to give us (those working on this problem) a free hand in its design and construction. It is thus to be hoped that this unit will be completely scientific and modern as both Dr. REICH (the Head of Research) and ART LINDERS (the designer) are extremely capable.
- A time schedule for the work to be done may thus be given.
5. The "filling in process"
 - (a) Flow sheet and complete material balance of process for data as corrected to date. Next meeting April 30.

WRB:ebn

↑
2 separate
pages
↓ only

Item #29
FE 65-1307

- b. Complete discussion of the theory of absorption. This is extremely important as the success of the whole process depends on its correct application.
- c. Revised data on cleansing of F.C. from soot particles. For May 14.
- d. Notes on technique of material transfer. The hard cake formed by the cooling of the system lab N a² 20/Mal²0 as well as the decomposed liquid can be most troublesome unless one knows exactly how to handle it.
- e. Notes on technique and theory of decomposition for May 28.
- f. Report on results and design of 2 quart horizontal agitator. For June 11.
- g. Notes on mechanical details and general clean up of work. For June 25.
- h. Here the actual design of the 20 ton/day plant should begin. (Actually Dr. REICH had hoped to get it moving by September, but I think this estimate is too optimistic) and the work will be reported as soon as available, as I have had no experience in such.

WRB:ebn

Item #29
PH 65-4307

Matters it is very difficult for me to place a time limit for a complete report on the construction and operation of the plant. Much of the data will be unknown until the plant is actually running for some time as no one else has ever done anything similar to it, and we only can observe what happens, not what we hope would happen -- theorizing as to results in such a case is very hazardous. Thus, fairly conservative estimates of the time required to completely finish the report on the 20 ton/day plant would be about the end of December 1938.

WRB:etm

Item # 29

Penna. Sugar Co.

The strike at the Penna. Sugar Co. (began on June 23) was settled in the week ending July 12, and work was begun immediately. The settlement also included the McCahan Refinery, but the Franklin Company still held out though they must soon come to an agreement or lose all of their business. The terms included a closed shop, no pay cut, a week's vacation with pay. There is also an unusual clause providing seniority rights for a "labor pool", so that if one refinery is slow, workers can temporarily be transferred to the other refinery in order of seniority.

Recovery of CO₂ from Fuel Gas

Work to be Done

6/3/50
JH
DB

SAC

June 8, 1950

ALBERT L. PIERCE, SA

HARRY GOLD, WAS.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. FETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper which appear to be in GOLD's handwriting. Five (5) of these appear to be rough drafts of letters from GOLD to the Massachusetts Institute of Technology, Cambridge, Mass., regarding his possible entrance in an undergraduate course in Chemical Engineering at MIT, and/or completion of undergraduate work in Chemical Engineering at the University of Cincinnati. These letters set out background regarding GOLD's schooling and employment.

In addition to these letters there are two sheets which are headed "Report on Letters from MIT." These list GOLD's best recollection of the points covered in letters received from the Massachusetts Institute of Technology.

Readable copies of these sheets have been prepared due to GOLD's poor handwriting, and are being attached to this memorandum. One copy has been attached to the exhibit sheet to which it corresponds.

LEADS:

Will question GOLD regarding these letters and determine to whom this report was made.

ALP:MEMcG
65-4307

MEMO SAC

6/8/50

Will obtain GOLD's explanation of why he was writing to MIT regarding his attendance at the University of Cincinnati.

Will also determine if GOLD was attempting to obtain money by showing his financial needs in this connection.

MEMO SAC

6/8/50

Will obtain GOLD's explanation of why he was writing to MIT regarding his attendance at the University of Cincinnati.

Will also determine if GOLD was attempting to obtain money by showing his financial needs in this connection.

Mem #29

2540 S. Phillip Street
Philadelphia, Pa.
April 10, 1938

Professor Walter G. Whitman
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Whitman:

I have been advised to write to you by Morris E. Ruckman, one of your former students, regarding information as to entrance in the Undergraduate Course in Chemical Engineering at MIT. I am now 27 years old and am employed by the Penna. Sugar Co. in plant development work. Below is a chronological listing of my technical experience and education:

Sept. 1928 - Sept. 1930 - Routine analytical work at Penna. Sugar Co.

As I have saved considerable money in this period (over \$2,000) I left to enter the Towns School.

RHO:tp
65-1307

200-29
PB 65-1307

(2)

April 1932 - December 1932 - plant operator

(Preparation of yeast for fermentation cultures) at PENNSYLVANIA ALCOHOL CORPORATION, a subsidiary of the sugar company. Laid off due to depression. February 1933 to September 1933 routine chemist at HOLBROOK MANUFACTURING COMPANY at Jersey City, New Jersey. This firm made laundry and toilet soaps, and my work comprised the analysis of the fats and oils used, the finished soap, and of the glycerine made as a by-product. I was the only one employed in the laboratory, and left only because I could send very little of my pay home.

September 1933 to present routine analytical work at Pennsylvania Sugar Company. Transferred to research in June 1936 on completion of M.S. Transferred to plant development work in May 1937.

February 1934 to June 1936 continued my education at Drexel Institute Evening School, graduating in the course in Chemical Engineering with all A grades.

WRB:abn

Item # 29
FR 65-1307

(3)

My father and brother are now employed and I am now in a position to continue my schooling for a degree either next Fall or the following February. May I send you my credentials and credits so that you may advise me as to the approximate time necessary to complete my studies and give me some idea of what courses I would have to take? I am writing at the same time to the Registrar's Office for a catalog of the Undergraduate School and general information relative to tuition and other costs at M.I.T. I hope I will hear from you soon and I wish to thank you for any assistance you may give me.

Yours sincerely,

HARRY GOLD

WRB:ebn

Folder 29

(4)

2510 S. Phillip Street
Philadelphia, Pa.
April 9, 1938

The Registrar
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Sir:

I am writing for information relative to the completion of my Under Graduate work in Chemical Engineering at University of Cincinnati. I graduated from high school in June 1928. My education has since consisted of

- a) Sept. 1930 to March 1932 - Under Graduate work in the course in Chemistry at the Towne School of the University of Pennsylvania
- b) February 1934 to June 1936 - Continuation of my studies at Drexel Institute Evening School in the course in Chemical Engineering.

I completed the course with all A grades and received my diploma in June, 1936,

I realize that I am writing quite late for admission in September. To help straighten definitely settle these matters, may I have a personal interview as soon as possible. My vacation is during the next two weeks and I could arrange to come to Cincinnati on any day you specify.

This appeared on reverse of p 5

REG:mtp
65-1307

(5)

In the interim, I have been constantly in the employ of the Penna. Sugar Co. in Philadelphia with the exception of one period (February to September, 1933), when I worked for the Holbrook Mfg. Co. of Jersey City, New Jersey, a soap concern. I have been engaged mostly in routine analytical work but last May I was transferred to plant development. Would you kindly send me information and catalogs concerning the details of entrance.

The interruptions in my studies have been occasioned by the necessity of supporting my parents and younger brother. I wish to thank you for any assistance you may give me.

Yours sincerely,

Harry Gold

Item # 29

Report on Letters from MIT

Unfortunately I have been unable to locate the three letters I received from MIT. My mother believes that she turned them about two weeks along with some other papers when she was cleaning out my room, preparatory to our moving. She is not very sure on this point and I'm still looking for them. They may only have been mislaid. Nothing was lost in transit as a very reliable company, Miller North Broad Storage, did the work, however, I shall relate the subject matter of these letters as best as I can:

1. Letter from Professor Walter G. Whitman, head of the Department of Chemical Engineering, stating:
 - a) He was pleased to hear from me as MIT welcomes the more mature students in their Undergraduate courses.
 - b) He was turning my letter over to the Registrar's Office which handled the valuation of credits and other details of entrance.

Item #29

- e) He personally believed that it would take about two years to finish the required work.
- 2) A letter from the registrar
 - a) Enclosing various catalogs of the school relating to the info I desired.
 - (1) Tuition \$500 per year
 - (2) Total cost \$1,000 - \$1000 one year
 - (3) If summer school work taken, \$400 to \$500 extra total cost
 - b) Asking me to have the University of Pennsylvania and Drexel Institute Evening School send the grades I had obtained.
- 3) A letter from the registrar (several weeks after the first one) stating
 - a) That it would probably take from 2 to 2½ years for me to obtain a degree
 - b) The exact time could not be stated as the recognized evening school work in various subjects was left to the discretion of the various professors, and they would only decide after a personal conference with me once I had entered.

RQH:HKP
65-4307

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS
ESPIONAGE - R

65-4307-1-B-5 (29-18)

REPORT ON LETTERS FROM MIT

The above exhibit was shown to HARRY GOLD on 6/18/50 at which time he stated that the seven pages were all in his handwriting and were rough draft reports which were subsequently submitted to his Soviet superior FRED. GOLD said that he made these reports up at the time he was considering going to MIT, which would place the reports prior to the fall of 1938.

GOLD said that when he brought the subject up of going to school that year, FRED suggested that there was only one place to go, and that was MIT. GOLD said he did not want to go there because of the high cost of an education at that institution. GOLD said that the reason for his estimating the cost of going to MIT was because FRED requested it and GOLD set out how much it would cost to show FRED why he was unable to go. FRED told GOLD to go ahead and go to MIT and not to worry about the cost. GOLD said that he could not consider this and probably gave FRED the excuse that he would have difficulty in explaining to his parents where he got the money for such an expensive education.

Relative to the report to FRED that GOLD was unable to locate the three letters he received from MIT, GOLD said that he is sure he had the letters but he did not want to show them to FRED as the latter might find some reason for sending GOLD to MIT.

Relative to the letter to MIT dated 4/10/38, GOLD stated that he actually began working for Pennsylvania Sugar in January of 1929 and not September of 1928 as stated in the letter.

tsm/rec
65-4307

MEMORANDUM, SAC

Relative to the letter dated 4/10/38 to MIT, reference was made to MORRIS E. RUCKMAN as being acquainted with GOLD. GOLD stated that MORRIS RUCKMAN was a chemical engineer with an M.S. or possibly a Ph. D. degree and a graduate of MIT. At this time he was a young man about 24 or 25 and had been hired at Pennsylvania Sugar by Dr. GUSTAV REICH because RUCKMAN had worked on CO₂ recovery at MIT. GOLD said that RUCKMAN left Pa. Sugar and went into patent work since his father had a very responsible position as a patent attorney, possibly with the U. S. Government.

GOLD said that he had difficulty in getting his credits recognized at the University of Cincinnati and, therefore, in the summer of 1938, decided to continue to work for at least another year before entering college. It was Dr. REICH who suggested to GOLD that he try to enroll at Xavier University in Cincinnati, which GOLD was successful in entering.

GOLD said that it is possible he wrote the above material on MIT in the summer of 1938 while he was laid up as a result of being burned in the Pa. Sugar Laboratory.

GOLD said that FRED had been quite happy about GOLD's being unsuccessful in entering Cincinnati University as he preferred to see GOLD wait for another year before going to school. GOLD said that FRED was happy for two reasons: first, that he might induce GOLD to enter MIT and pay GOLD's way; and second, that GOLD would continue to work for the Soviets for another year and work principally on getting recruits in the Philadelphia Navy Yard.

GOLD said that when he finally told FRED he was going to Xavier University, FRED was very bitter about it.

Item #29

Report on Letters from MIT

Unfortunately I have been unable to locate the three letters I received from MIT. My mother believes that she burned them about two weeks along with some other papers when she was cleaning out my room, preparatory to our moving. She is not very sure on this point and I'm still looking for them. They may only have been mislaid. Nothing was lost in transit as a very reliable company, Miller North Broad Storage, did the work, however, I shall relate the subject matter of these letters as best as I can:

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 - a) He was pleased to hear from me as MIT welcomes the more mature students in their Undergraduate courses.
 - b) He was turning my letter over to the Registrar's Office which handled the valuation of credits and other details of entrance.

Cor'd. 6/11/50
Th

REC:mtp
65-1307

Report on letters from M. J. T. - 6/15/50

100
000

Unfortunately, my I had been unable to locate the three letters I received from M. J. T. my mother believed that she burnt them along with some other papers when she was cleaning out my room preparatory to our moving. She is not very sure on this point & I am still looking for them. They may only have been included nothing was lost in transit as a very reliable company (Inville North Road (Stage)) did the work. I shall relate the subject matter of these letters as best as I can.

Letter from Professor Walter H. White, head of the department of Chemical Engineering at MIT.

- a. He was pleased to hear from me as M. J. T. well known in the world nature students even in their undergraduate courses.
- b. He was turning my letter over to the Registrar's office which handles the details evaluation of credits in other details of entrance.

100172

- a) He personally believed that it would take about two years to finish the required work.
- 2) A letter from the Registrar
 - a) Enclosing various catalogs of the school relating to the info I desired.
 - (1) Tuition \$500 per year
 - (2) Total cost \$1,000 - \$1,500 one year
 - (3) If summer school work taken, \$1,000 to \$1,500 extra total cost
 - b) Asking me to have the University of Pennsylvania and Drexel Institute Evening School send the grades I had obtained, *credits*
- 3) A letter from the registrar (several weeks after the first one) stating
 - a) That it would probably take from 2 to 2½ years for me to obtain a degree
 - b) The exact time could not be stated as the recognized evening school work in various subjects was left to the discretion of the various professors, and they would only decide after a personal conference with me once I had entered.

Can't get it

BOHMER
65-1307

1 - He personally ~~estimated~~ ^{estimated} ~~the~~ ^{work} ~~to~~ ^{take} about two years to finish the ~~work~~ ^{work}.
6/13/50

2 - a letter from the Registrar ~~of~~ ^{of} ~~the~~ ^{the} ~~University~~ ^{University} enclosing various catalogues ~~of~~ ^{of} the same ~~and~~ ^{and} relating to the ~~costs~~ ^{costs} ~~of~~ ^{of} ~~the~~ ^{the} ~~work~~ ^{work}.

- (1) Tuition \$ 5.00 / yr
- (2) Total cost \$ 14.00 - 1600 / yr
- (3) If summer school work taken ~~at~~ ^{at} ~~the~~ ^{the} ~~university~~ ^{university} extra total cost

3 - asking me to have the University of Pennsylvania & Penn State take ~~care~~ ^{care} ~~of~~ ^{of} ~~the~~ ^{the} ~~credits~~ ^{credits} I had obtained.

4 - ~~the~~ ^a letter from the Registrar (initial meeting after the first one) stating

that it would probably take from two to two and a half years for me to complete ~~the~~ ^{the} ~~work~~ ^{work} ~~at~~ ^{at} ~~the~~ ^{the} ~~university~~ ^{university}.

5 - The exact time could not be stated as ~~many~~ ^{many} ~~courses~~ ^{courses} ~~in~~ ⁱⁿ ~~various~~ ^{various} ~~subjects~~ ^{subjects} ~~and~~ ^{and} ~~it~~ ^{it} ~~was~~ ^{was} ~~left~~ ^{left} ~~to~~ ^{to} ~~the~~ ^{the} ~~discretion~~ ^{discretion} ~~of~~ ^{of} ~~the~~ ^{the} ~~various~~ ^{various} ~~professors~~ ^{professors} ~~and~~ ^{and} ~~they~~ ^{they} ~~would~~ ^{would} ~~only~~ ^{only} ~~decide~~ ^{decide} ~~after~~ ^{after} ~~a~~ ^a ~~personal~~ ^{personal} ~~conference~~ ^{conference} ~~with~~ ^{with} ~~me~~ ^{me} ~~and~~ ^{and} ~~I~~ ^I ~~had~~ ^{had} ~~intended~~ ^{intended}.

Mem #29

2540 S. Phillip Street
Philadelphia, Pa.
April 10, 1938

Professor Walter G. Whitman
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Whitman:

I have been advised to write to you by Morris E. Ruckman, one of your former students, regarding information as to entrance in the Undergraduate Course in Chemical Engineering at MIT. I am now 27 years old and am employed by the Penna. Sugar Co. in plant development work. Below is a chronological listing of my technical experience and education:

Sept. 1928 - Sept. 1930 - Routine analytical work at Penna. Sugar Co.

As I have saved considerable money in this period (over \$2,000) I left to enter the Towns School.

Conced 6/18/50
TH

RHO, tp
65-1307

(2)

2540 S. Phillips Street,
Philadelphia, Penna.
April 10, 1938.

Professor Walter A. Whitman,
Massachusetts Institute of Technology,
Cambridge, Massachusetts.

6/1/50
RF
819

Dear Professor Whitman:

I have been advised to write to you by Morris C. Ruckman, one of your former students, regarding information as to entrance in the undergraduate course in Chemical Engineering at M.I.T. I am now 27 years old and am employed by the Pennsylvania Sugar Company in plant development work. Below is a chronological listing of my technical experience and education.

September 1928 - September 1930 - Routine analytical work at Penna Sugar Co. as I had saved considerable money in this period (over \$2000) I left to enter the Towne School

Item #29

PH 65-2307

(2)

April 1932 - December 1932 - plant operator

(Preparation of yeast for fermentation cultures) at PENNSYLVANIA ALCOHOL CORPORATION, a subsidiary of the sugar company. Laid off due to depression. February 1933 to September 1933 routine chemist at HOLEBROOK MANUFACTURING COMPANY at Jersey City, New Jersey. This firm made laundry and toilet soaps, and my work comprised the analysis of the fats and oils used, the finished soap, and of the glycerine made as a by-product. I was the only one employed in the laboratory, and left only because I could send very little of my pay home.

September 1933 to present routine analytical work at Pennsylvania Sugar Company. Transferred to research in June 1936 on completion of M.S. - Transferred to plant development work in May 1937.

February 1934 to June 1936 continued my education at Drexel Institute Evening School, graduating in the course in Chemical Engineering with all A grades.

Con'd. 6/11/50
js.

WRS:eln

(1)

April 1934 - December 1934^(N) - Plant operator
(preparation of plant ^{for fermentation} cultures) at Penna
~~alcohol~~ corporation, a ~~division~~ subsidiary of the
sugar co. Laid off due to depression 6/3/35

February 1935 - Sept. 1935 - Routine chemist
at Holbrook manufacturing company at
Jenny City, N.J., ~~and~~
Transition made soap laundry and
toilet soaps and my work ^{concerned}
the analysis of - the fats and oils
used ~~and~~ the finished ^{soap} product,
and of the glycerine made as a
by product. ~~I was~~ was
the only one employed in the laboratory
and left ~~only~~ only because I could
hardly ^{see} ~~any~~ ^{in the} ~~start~~ of my pay home

Sept. 1935 - Present - Routine analytical
work at Penna Sugar Co. Transferred
to Research in June 1936. Transferred to
plant development work in May 1937

Feb. 1934 - June 1936 - ~~Completed course~~
continued my education at DeWitt Institute
Evening school, graduating in the
~~evening~~ course in Chemical Engineering with
~~all~~ with ~~grades~~ all "A" grades.

Mem #29
PH 65-1307

(3)

My father and brother are now employed and I am now in a position to continue my schooling for a degree either next Fall or the following February. May I send you my credentials and credits so that you may advise me as to the approximate time necessary to complete my studies and give me some idea of what courses I would have to take? I am writing at the same time to the Registrar's Office for a catalog of the Undergraduate School and general information relative to tuition and other costs at M.I.T. I hope I will hear from you soon and I wish to thank you for any assistance you may give me.

Yours sincerely,

HARRY GOLD

Could call 150
8

WHD:ebn

(7)

13

my father and brother are now ^③ employed and I ~~am~~ now in a position to ~~enter~~ ~~continue~~ ^{continue} complete my schooling for a degree in either next fall or the following February. ~~When~~ ~~you~~ ^{you} ~~may~~ I send my credentials and credits to you so that you may advise me as to the approximate time necessary to complete my studies and ~~give~~ ^{give} me some idea of what courses I would have to take? I am writing at the same time to the ^{Registrar's} ~~Registrar's~~ office for a catalogue and ~~in~~ ^{for} general information related to ~~tuition~~ ~~and~~ ~~other~~ ~~costs~~ at ~~the~~ ~~university~~.

I hope I will hear from you soon and I wish to thank you for any assistance you may give me.

Yours sincerely,
Harry Gold

Folder 29

(4)

2540 S. Phillip Street
Philadelphia, Pa.
April 9, 1938

The Registrar
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Sir:

I am writing for information relative to the completion of my Under Graduate work in Chemical Engineering at University of Cincinnati. I graduated from high school in June 1928. My education has since consisted of

- a) Sept. 1930 to March 1932 - Under Graduate work in the course in Chemistry at the Towns School of the University of Pennsylvania
- b) February 1934 to June 1936 - Continuation of my studies at Drexel Institute Evening School in the course in Chemical Engineering.

I completed the course with all A grades and received my diploma in June, 1936.

I realize that I am writing quite late for admission in September. To help straighten definitely settle these matters, may I have a personal interview as soon as possible. My vacation is during the next two weeks and I could arrange to come to Cincinnati on any day you specify.

(appears on back of page 5.)

Con'd 6/18/50
JSM

RH:mtp
65-1307

2510 S. Phillips Street,
Philadelphia, Pennsylvania
April 9, 1938

Dear Registrar,
Massachusetts Institute of Technology,
Cambridge, Massachusetts.

4/13/50
JMS
GSD

I am writing for information relative
to ~~the~~ ~~completion~~ the completion of my
~~studies~~ ~~under~~ graduate work at
Univ. of Cincinnati.

~~in~~ I graduated from high school
in June 1928 and ~~completed~~
~~completed~~ a ~~four~~ ~~year~~ ~~course~~ of study at

~~the~~ ~~University~~ of ~~Pennsylvania~~ has
since consisted of
~~three~~ ~~years~~ ~~of~~ ~~study~~

~~of~~ ~~one~~ ~~and~~ ~~a~~ ~~half~~ ~~year~~ ~~of~~ ~~study~~ ~~in~~ ~~the~~ ~~community~~
of Pennsylvania in the

a) Sept 1930 - March 1932 - Undergraduate
work in the course in Chemistry
at the Town School of the University
of Pennsylvania.

b) February 1934 to June 1936 - continuation
of my studies at Drexel Institute
in the course in Chem. Eng.
Cooking School. I completed the
course for ~~the~~ ~~department~~ ~~of~~ ~~Chemistry~~ and received my diploma
in June 1936.

(5)

In the interim, I have been constantly in the employ of the Penna. Sugar Co. in Philadelphia with the exception of one period (February to September, 1933), when I worked for the Hollbrook Mfg. Co. of Jersey City, New Jersey, a soap concern. I have been engaged mostly in routine analytical work but last May I was transferred to plant development. Would you kindly send me information and catalogs concerning the details of entrance.

The interruptions in my studies have been occasioned by the necessity of supporting my parents and younger brother. I wish to thank you for any assistance you may give me.

Yours sincerely,

Harry Gold

Con'd 6/16/50
H.G.

~~(see Reverse side also)~~

②
RHD:mtp
65-1307

(5)

For the entire time I have been constantly in the employ of the Pennsylvania Sugar Company in Philadelphia with the exception of one year period (Feb. 1951 - ~~the~~ Sept 1953) when I ~~was~~ worked for the Holbrook Manufacturing Co., of Jersey City, N.J., a soap concern. I have been engaged mostly in routine analytical work but ~~and~~ ~~in~~ ~~last~~ ~~may~~ I was transferred to plant development.

Would you kindly send me information & catalogues covering the ~~entire~~ ~~information~~ details of entrance. I -

The interruptions in my studies have been ~~caused~~ ~~by~~ ~~the~~ ~~necessity~~ ~~for~~ ~~earning~~ ~~supporting~~ ~~my~~ ~~family~~ ~~expenses~~ of my ^{parents} father, ~~mother~~ and my younger brother.

I wish to thank you for any assistance you may ~~give~~ ~~me~~

Yours sincerely,
Harry Gold

I realize that I am writing quite late for
admission in September ~~and~~
~~credits~~ ~~board~~ ~~to~~ ~~give~~ ~~a~~ ~~quibble~~ ~~for~~
~~toward~~ ~~this~~ ~~and~~ ~~my~~ ~~part~~. To help straighten
out definitely settle these matters I ~~would~~ ~~like~~ ~~to~~ ~~ask~~

Cincinnati, Ohio

for a personal interview as soon as possible
my vacation is during the next two weeks
and I could arrange to take leave to Cin-
cinnati on any day you specify.

6/3/50
JAD
OTD

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS
ESPIONAGE - R

65-4307-1-B-5 (29-18)

PHILADELPHIA NAVY YARD NEWS

UNITED STATES NAVAL INSTITUTE PROCEEDINGS

SOURCE OF NAVAL ARCHITECTS AND MARINE ENGINEERS
SOCIETY

GOLD said that the above three pages were in his handwriting and were rough drafts of reports which were subsequently submitted to his Soviet superior. GOLD stated that he believed it was STEVE who asked him to write up the U. S. Naval Institute Proceedings document because STEVE's English was not too good and this document was concerned with submitting an application for membership in the USNI.

Relative to the others, GOLD stated that possibly STEVE or FRED instructed GOLD to obtain a list of journals, publications, etc., about the Navy, and also, which of these publications and journals could be subscribed to.

GOLD also said that either STEVE or FRED wanted the names of reputable naval architects and that GOLD understood that the Soviets were considering using some of them for legitimate work.

GOLD stated that he obtained the above information from the public library in Philadelphia.

^{RY}
THE MILITARY ENGINEER

GOLD stated that the handwriting on this one sheet of paper was his and was a rough draft of a report which was subsequently submitted to STEVE or FRED.

tam/rac
65-4307

8 1/2 x 11

Item 1 of 2
65-4307-1-B-5

MEMORANDUM, SAC

GOLD stated that at the same time he received instructions to obtain information about Navy periodicals and naval architects, he was also instructed to obtain similar information about Army matters, and that this was why he submitted the above report. GOLD stated that probably the Soviets wanted to place orders for new armaments and also wanted to keep up with any new armaments being made.

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS
ESPIONAGE - R

65-4307-1-B-5 (29-18)

PHILADELPHIA NAVY YARD NEWS

UNITED STATES NAVAL INSTITUTE PROCEEDINGS

SOURCE OF NAVAL ARCHITECTS AND MARINE ENGINEERS

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GOLD stated that he obtained the above information from the public library in Philadelphia.

THE MILITANT ENGINEER

GOLD stated that the handwriting on this one sheet of paper was his and was a rough draft of a report which was subsequently submitted to STEVE or FRED.

tsm/rac
65-4307

MEMORANDUM, SAC

GOLD stated that at the same time, he received instructions to obtain information about Navy periodicals and naval architects, he was also instructed to obtain similar information about Army matters, and that this was why he submitted the above report. GOLD stated that probably the Soviets wanted to place orders for new armaments and also wanted to keep up with any new armaments being made.

Item # 29
PH 65-1007

Philadelphia Navy Yard News

Published monthly by Navy Yard Development Assn.
Mostly social.
Description of physical testing lab
Notices of meetings of beneficial lodges.

Cons. 6/11/50
The

WRB:ohn

①

the many years since
at night in my 40. Development
mostly local
Description of ~~the~~ ~~interior~~ ~~partly~~ ~~the~~
notes of meetings of medical clubs.

6/3/50
20
200

Mem # 29
PR 65-1307

U. S. Naval Inst. Proceedings
Published monthly
Can be subscribed to by private citizen.
Some tech. articles. All notices of new ship contracts
Keep our latitude here in torpedo fire
Edited by U.S. Naval Officer.

Application for membership

U. S. Naval Institute
Annapolis, Maryland

Date

I hereby apply for membership in the U. S. Naval Institute and enclose
\$3.00 in payment of dues for the first year to begin with the
issue of the Proceedings (The monthly magazine of the U. S. Naval
Institute)

Name
Address.....

*Will this be after - in Engl
on next to 7 and*

Can I 6/10/00

th

WFB:ohn

(23)

3.

U.S. Naval Institute Proceedings
Pub. monthly can be subscribed by
individuals or corporations
articles of new ship contracts
keep a latitude log in Tropical
Edited by U.S. Naval Officers

Application for membership
U.S. Naval Institute
Annapolis, Maryland

I hereby apply for membership in the U.S. Naval Institute and enclose \$3.00 in payment of dues for the first year to begin with the ... issue of the Proceedings (the monthly magazine of the U.S. Naval Institute)

Name _____
Address _____

6/3/50
200
500

Item #29
PH 65-1007

Society of Naval Architects and Marine Engineers, Transactions
Published yearly; bound volume
Printed by WILLIAMS PRESS, INC., Albany, NY

Published by

Society of Naval Architects and Marine Engineers
29 W. 39th St., NYC

Articles such as Strength of Flating in Compression
Also volume list of members

BENSON, THOMAS E., Naval Arch., PENNSYLVANIA SHIPPING COMPANY,
260 S. Broad Street, Philadelphia, Pa.

Con 12. 6/18/50
Jgm

WEB:ebn

5

Society of Naval Architects and Marine
Engineers, Transactions
Published yearly, 1900-1901
Printed by Williams Press, Inc.,
Albany, N. Y.
Published by
Society of Naval Architects and Marine
Engineers

14 West 59th Street, N. Y. City

attached as

Strength of Plating in Compression

also
Vol. list of members.

Review of the C. Naval Architects,
Review Clipping Co., 100 N. 4th St.
Philadelphia, Pa.

6/2/50
No
500

Mem 29
PH 65-1307

The Military Engineer

Published by Society of American Military Engineers, the Mills Building, Pennsylvania Avenue and 17th St., N.W., Washington, D.C. Bi-monthly, November - December. Articles by U.S. Army Officer Corps of Engineers

Mostly on harbor improvement and dredging, movements of Armed Services, etc. Nothing of value.

\$4.50 one year.

Back numbers 75¢ per one copy

Recruiting News, published monthly by Recruiting Publicity Bureau, U. S. Army, Governors Island, N.Y.

Historical Just articles, general news, sports, to make Army life seem attractive but some news might leak there: *through*.
No price but can be obtained in library.

(On back of same sheet appears following:)

Army Ordnance published by Army Ordnance Association, Suite 807, the Mills Building, Washington, D.C. Issued Bi-monthly, November - December. Can be subscribed to \$4.50 one year, 75¢ one issue. Can also be joined by U. S. citizen. Advertisements may be of use as many are by manufacturers of ordnance. Example: AM. ARMAMENT CORPORATION WORKS
Hoboken, N.J.

Derry, Pa.

6 E. 45th St., NY NY

Advertisement for 105 millimeter smooth bore infantry mortar suitable for chemical warfare. Range up to 2,750 yds. with 15 lb. shell. Breaks up into 3 loads of 65 lbs. each.

Articles mostly historic, by members of U.S. Army. Notice of aircraft contracts to *dist. info. firms*. Notice of refusal of War Department for ALEX P. DASEVERSKY to fly plane in Bendix Trophy Race due to secret features of plane. E.D. has ordered 86.

(War Dept.).

WEB:ekn

Co-19. 6/11/50
78

Army Ordnance

Army Ordnance

100, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000

100, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000

100, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000

100, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10000

Adapt. may be of use as many are by

units of ord.

Ev.
 Am. Ordnance Corp.
 Wash. D.C.
 445 44
 445 44
 445 44

Adapt. for 100 mm. length

100 mm. length

100 mm. length

100 mm. length

Articles mostly technical

by members of the Army

notice of aircraft contracts to private

notice of aircraft contracts to private

The military Engineer
partly, but of a military Engineer
will study, I am sure of it. H. S. W.
Wash. D. C.

12 - monthly - non - done
articles by U. S. Army, etc. copy of Engineer
mostly on their requirements & discussing
requirements of armed forces etc.
with special

4.00 / yr.
mark no. 754 / 1007

6/2/50
no
no

Recruiting news

Part monthly by recruiting publicity
bureau, U. S. Army.

Seavernos Island N. Y.

this articles, news, etc. to
to make army defensible at that time
and some in night desk etc.

no print
but in the
returned in
library

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-4307-1-B-5 (29-18)

LANOLIN

The above exhibit was shown to GOLD on 6/18/50 at which time he stated that the two pages comprising this exhibit are both in his handwriting and that it was a rough draft of a report which was subsequently put in final form and submitted to his Soviet contact FRED.

GOLD said that the ARTHUR COLTMAN referred to in this report was a good friend of the GOLD family. GOLD said that ARTHUR's older brother, LEON, was especially a friend of HARRY GOLD. GOLD said that LEON subsequently went into business for himself making hard rubber products in Northeast Philadelphia.

Relative to ARTHUR COLTMAN, GOLD said that he graduated with honors from Hahnemann Medical School, subsequently becoming an M.D., and is presently practicing somewhere in Northeast Philadelphia.

GOLD believes that the interest in lanolin was instituted by his Soviet superior FRED.

GOLD stated that this report was probably submitted sometime between 1938 and 1940, and that he does not recall furnishing the Soviets any further information on this subject.

GOLD stated that ARTHUR COLTMAN was not connected with Soviet espionage and that GOLD was very happy that he added the last paragraph in the report about the necessity of questioning COLTMAN very cautiously lest he get too suspicious.

tsm/rac
65-4307

SAC

June 8, 1950

ALBERT L. PIERCE, SA

ARTHUR COLTMAN
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-1B)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Two sheets of paper, apparently in GOLD's handwriting, one of which bears the heading "Lanolin." These sheets apparently concern attempts to obtain information regarding the use of an emulsion of lanolin in Ethyl alcohol through ARTHUR COLTMAN, who was then a senior in the Pre-Medical Course at LaSalle College, Philadelphia. GOLD indicates that he has known COLTMAN since he was small, and was formerly a schoolmate of his older brother.

Typewritten copies of these sheets have been made and are attached to this memorandum, since GOLD's handwriting was very poor. Additional copies were made which have been attached to the pages in the exhibit.

LEADS:

Will exhibit these sheets to HARRY GOLD for his explanation of their meaning.

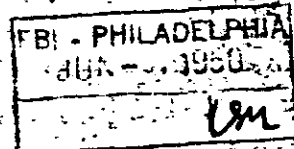
Will obtain full information from GOLD regarding any requests made by his superiors for information concerning the lanolin emulsion.

Will obtain full information from GOLD regarding any espionage activity of ARTHUR COLTMAN.

Will obtain the name of the person requesting this information and the date concerned.

ALP:MEMCG

65
cc: 65-4307 (HARRY GOLD)



MEMO SAC

6/8/50

Will obtain complete background information regarding ARTHUR COLTMAN.
(The name LEON COLTMAN appeared on a letter addressed to GOLD postmarked July
23, 1931, indicating that GOLD was spending his vacation at Far Rockaway, N.Y.)

Item 729

Lanolin

The info on the use of an emulsion of lanolin in Ethyl alcohol has been obtained through ARTHUR COLTMAN, a senior in the pre-medical course at LaSalle College in Philadelphia. He is planning to enter medical school in the fall. I have known ARTHUR since he was a little boy of two or three years. His father has been our butcher for the past nineteen years, and he has developed into an extremely intelligent young man. I was formerly a schoolmate of his elder brother, since married, and we have been drawn together by a common interest in chemistry and photography.

ARTHUR has been doing research work on the effect of various drugs on daphnia (magna). This work was carried out under the direction of one of the chemistry professors at LaSalle and it was this man who sent ARTHUR to the Hahnemann Hospital to obtain some of the necessary drugs (morphine, strychnine) from a certain doctor, unfortunately the names have escaped me, who was also engaged in work on the same problem. It was at this hospital in the same laboratory that he met the two young doctors who had discovered the remarkable value of the lanolin emulsion and heard of the numerous varied cases in which it was used.

BCH:HEP
65-4307

Item # 29

Emulsion and heard of the numerous varied cases in which it was used. It now develops that the two doctors wished to make some money out of their discovery and are going to market their product under a trade name to the Medical Profession. To get around the ethics of the Hypocrates Oath, their identity will be screened by a go between. Just how this is being done I do not know. They have also hired a competent chemist to analyze the various emulsions they have obtained as previously they had prepared them in a very haphazard fashion but also with good results. Now they wished to standardize the method of PPH as the solution is now being distributed free to interested medical men with the idea of obtaining all possible data on its affects.

The men concerned are now very secretive about the matter, according to Arthur, and he himself, must be questioned very cautiously, lest he get too suspicious.

RHO:mtg
65-1307

4

Item 12

Lanolin

The info on the use of an emulsion of lanolin in Ethyl alcohol has been obtained through ARTHUR COLTMAN, a senior in the pre-medical course at LaSalle College in Philadelphia. He is planning to enter medical school in the fall. I have known ARTHUR since he was a little boy of two or three years. His father has been our butcher for the past nineteen years, and he has developed into an extremely intelligent young man. I was formerly a schoolmate of his elder brother, since married, and we have been drawn together by a common interest in chemistry and photography.

ARTHUR has been doing research work on the effect of various drugs on daphnia (magn). This work was carried out under the direction of one of the chemistry professors at LaSalle and it was this man who sent ARTHUR to the Hahnemann Hospital to obtain some of the necessary drugs (morphine, strychnine) from a certain doctor, unfortunately the names have escaped me, who was also engaged in work on the same problem. It was at this hospital in the same laboratory that he met the two young doctors who had discovered the remarkable value of the lanolin emulsion and heard of the numerous varied cases in which it was used.

Le...
|

Contd. 6/18/50
th

ROH:HEV
65-1007

of ~~his~~ ~~work~~ ~~on~~ ~~the~~ ~~side~~ ~~of~~ ~~chemistry~~
 of ~~his~~ ~~work~~ ~~on~~ ~~the~~ ~~side~~ ~~of~~ ~~chemistry~~
 Arthur ~~Edwards~~ ~~is~~ ~~a~~ ~~young~~ ~~man~~ ~~at~~ ~~the~~ ~~pre-~~ ~~medical~~ ~~school~~ ~~at~~ ~~the~~ ~~University~~ ~~of~~ ~~Pennsylvania~~
 Philadelphia ~~and~~ ~~has~~ ~~shown~~ ~~Arthur~~
~~was~~ ~~a~~ ~~little~~ ~~boy~~ ~~of~~ ~~2~~ ~~or~~ ~~3~~ ~~years~~ ~~ago~~
~~father~~ ~~has~~ ~~been~~ ~~our~~ ~~doctor~~ ~~for~~ ~~the~~ ~~past~~ ~~several~~ ~~years~~ ~~and~~ ~~he~~ ~~has~~ ~~developed~~
 into ~~an~~ ~~extremely~~ ~~intelligent~~ ~~young~~ ~~man~~ ~~and~~ ~~is~~ ~~now~~ ~~working~~ ~~on~~ ~~the~~ ~~problem~~ ~~of~~ ~~the~~ ~~chemistry~~ ~~of~~ ~~the~~ ~~eye~~ ~~and~~ ~~has~~ ~~been~~ ~~drawn~~ ~~to~~ ~~it~~ ~~by~~ ~~a~~ ~~common~~ ~~interest~~ ~~in~~ ~~chemistry~~ ~~and~~ ~~photography~~

Arthur has been doing ~~the~~ ~~research~~
 work on ~~the~~ ~~chemistry~~ ~~of~~ ~~the~~ ~~eye~~ ~~and~~ ~~has~~ ~~been~~ ~~drawn~~ ~~to~~ ~~it~~ ~~by~~ ~~a~~ ~~common~~ ~~interest~~ ~~in~~ ~~chemistry~~ ~~and~~ ~~photography~~
 of ~~the~~ ~~work~~ ~~was~~ ~~conducted~~ ~~under~~ ~~the~~ ~~direction~~ ~~of~~ ~~one~~ ~~of~~ ~~the~~ ~~chemistry~~ ~~professors~~ ~~at~~ ~~the~~ ~~school~~ ~~and~~ ~~it~~ ~~was~~ ~~the~~ ~~man~~ ~~who~~ ~~sent~~ ~~Arthur~~ ~~to~~ ~~the~~ ~~Hahnemann~~ ~~Hospital~~ ~~to~~ ~~conduct~~ ~~obtain~~ ~~some~~ ~~of~~ ~~the~~ ~~material~~ ~~used~~ ~~in~~ ~~the~~ ~~work~~ ~~and~~ ~~is~~ ~~now~~ ~~working~~ ~~on~~ ~~the~~ ~~problem~~ ~~of~~ ~~the~~ ~~chemistry~~ ~~of~~ ~~the~~ ~~eye~~ ~~and~~ ~~has~~ ~~been~~ ~~drawn~~ ~~to~~ ~~it~~ ~~by~~ ~~a~~ ~~common~~ ~~interest~~ ~~in~~ ~~chemistry~~ ~~and~~ ~~photography~~
 a certain Dr. (unfortunately the name he engaged me) also engaged in work on the same problem. It was at the hospital in the same laboratory that he met the two young doctors who had also engaged in the work of the laboratory

Item #29

Emulsion and heard of the numerous varied cases in which it was used. It now develops that the two doctors wished to make some money out of their discovery and are going to market their product under a trade name to the Medical Profession. To get around the ethics of the Hippocrates Oath, their identity will be screened by a go between. Just how this is being done I do not know. They have also hired a competent chemist to analyze the various emulsions they have obtained as previously they had prepared them in a very haphazard fashion but also with good results. Now they wished to standardize the method of JPH as the solution is now being distributed free to interested medical men with the idea of obtaining all possible data on its affects.

Preparation

The men concerned are now very secretive about the matter, according to Arthur, and he himself, must be questioned very cautiously, less he get too suspicious.

Contd. 6/18/50
T82

RHD:mtp
65-4307

12/5/50
MJC

the Nippou...
 I...
 I...
 I...

I also had a competent...
 the various...
~~to all~~ as previously...
 had prepared...
 fashion but always...
 now they wish to...
 of...
 of...
 the idea of obtaining...
 on its effects.

The man...
 I...
 I...
 I...

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-4307-1-B-5 (29-18)

"CLAYTON CONTINUOUS SOAP-MAKING PROCESS"

GOLD stated that this concerns a process which was sold to the National Oil Products Company (NOPCO) and a plant was built on Long Island for the manufacture of soap under this process.

GOLD said that THOMAS L. ELACK had been given the assignment by the Soviets to obtain this process and ELACK had asked GOLD to check references in Chemical Abstracts.

GOLD stated that all of the material is in his handwriting with the exception of the last five lines which, he states, might possibly be in the handwriting of his brother, JOSEPH GOLD, who was out of work at this time, and GOLD stated that he might possibly have asked his brother to check the references in the Chemical Abstracts. GOLD stated that he could do this without arousing any suspicion on the part of his brother since this was concerned with a very common product and the Abstracts were in the GOLD residence as GOLD subscribed to them.

tsm/rac
65-4307

SAC

June 8, 1950

ALBERT L. PIERCE, SA

HARRY GOLD, WAS.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-1307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

One sheet of paper containing information regarding soap making by the LONG ISLAND REFINING COMPANY and "CLAYTON". This sheet lists a number of chemical abstracts, apparently referring to this question.

Since GOLD's handwriting was very poor, a typewritten copy of this sheet has been prepared and is attached to this memorandum. An additional copy was made and placed on the exhibit sheet.

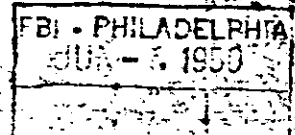
LEADS:

Will exhibit this sheet to HARRY GOLD for his explanation regarding its meaning.

Will obtain the name of the person for whom this report was made and the approximate date thereof.

Will further question GOLD regarding his source of information on the subject of soap making and the names of any other persons who may have helped him to obtain this information.

ALP:MEMCG
65-1307



Item #29
PB 65-1307

CLAYTON continuous soap (making) process or continuous Saponification process. The patents may be in the name of the "LONG ISLAND REFINING COMPANY". Look under

- I. Subject index
 - a. Soap
 - b. Saponification (continuous)

- II. Author index
 - a. Clayton
 - b. Long Island Refining Company

Chemical abstracts
1936-1932

1932 - 1146¹ subject
1935 - 5675⁸ author
1936 - 638² author
1936 - 2425¹ subject
1250⁴
1935 7684¹ subject

WRB:ebn

Item # 29
FH 85-1307

CLAYTON continues soap (making) process or continuous Saponification process. The patents may be in the name of the "LONG ISLAND REFINING COMPANY". Look under

- I. Subject index
a. Soap
b. Saponification (continuous)

- II. Author index
a. Clayton
b. Long Island Refining Company

Chemical abstracts
1936-1932

1932 - 1116¹ subject
1935 - 5675⁸ author
1936 - 638² author
1936 - 2115¹ subject
1250⁴
1935 7681¹ subject

WRB:ohn

Covered
6-18-50
RWB

Clayton Continuous Soap (making)
Process

or
Continuous Saponification Process

The patents may be in the name
of the "Long Island Refining Co."

Look under

I Subject Index

a. Soap

b. Saponification (continuous)

II Author Index

a. Clayton

b. Long Island Ref. Co.

6/2/50
JLB
DWD

Chemical abstracts

1936 → 1932

1932 -	1146 ¹	subject
1935	5675 ⁸	author
1936	638 ²	author
1936	2415 ¹	subject
	12504	
1935	7684 ¹	subject

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAS.
ESPIONAGE - R

65-4307-1-B-5 (29-18)

"ANYLO PROCESS"

This exhibit, consisting of five handwritten sheets of paper, were shown to GOLD on 6/18/50. GOLD identified this material as all being in his handwriting and stated that it consisted of a rough draft of a report which he later put in final form and gave to FRED.

GOLD said that this material was written by him in the summer of 1938 and probably during the period of the July strike at Pennsylvania Sugar Company.

GOLD said that "Anylo" was the name used for a process to develop anyl alcohol. GOLD said that Dr. GUSTAV REICH at Pennsylvania Sugar had been working for some time on this process.

On the third page of this material is a reference to "our mutual friend". GOLD said that this undoubtedly refers to STEVE SWARTZ and indicates to GOLD that STEVE must have at one time asked GOLD about this process.

GOLD recalled that FRED, at one time, had given him a list of material in which the Soviets would be interested and stated that among them were:

- (1) Information which might be received from a firm in the neighborhood of Lancaster, Pa., a firm which made simulated leather finishes.
- (2) Information on the "Anylo Process".
- (3) Medical information.

The Miss HOAG referred to in the above exhibit was Miss CATHERINE HOAG, a stenographer at Pennsylvania Sugar who subsequently married a man named HUSKEY.

The SIDNERS referred to in this exhibit is ARTHUR L. SIDNERS, a design engineer who was with Pa. Sugar at that time, and who was with Dr. REICH until October, 1949.

tsm/rac
65-4307

SAC

June 8, 1950

ALBERT L. PIERCE, SA

HARRY GOLD, WAS.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Five sheets of paper, apparently in GOLD's handwriting, entitled "The Amylo Process." These sheets describe GOLD's attempts to obtain information regarding this process from Dr. REICH, apparently of the Pennsylvania Sugar Company, where he was employed.

Readable copies of these pages were made because GOLD's handwriting was very poor, which are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEADS:

Will exhibit these sheets to GOLD to obtain GOLD's explanation of his reason for writing them.

Will contact Dr. GUSTAVE REICH at the Pennsylvania Sugar Company for any corroborating information he may be able to furnish regarding these sheets.

ALP:MEMcG
65-4307

Item #29

THE AMYLO PROCESS

As the plant is in more a state of siege than ever, I was unsuccessful in several attempts to gain admittance to the plant so that I might see Dr. Reich. However, I did call him twice and we discussed the report on the recovery of CO₂, which I am completely through with the work. We also talked of the design for the new 10 ton dry plant design and agreed that it was a shame that the strike had interrupted _____'s work on the plans. Reich stated that as soon as the trouble was over (and he has no definite idea when this will be), we would rush to complete the work. I said I was very anxious to see the results of the great amount of work we had put into the job. I am to keep calling him every few days.

REG:mtp
65-1307

Item #29

The writer gained his information concerning the "AMYLIC" process in the following manner:

On the afternoon of Thursday, March 17, I was in the office of Dr. Reich discussing some data I had obtained on the recovery of CO 2 and others present were Miss Hoag, ———, and Arthur ———. The phone rang and Dr. Reich's secretary answered.

She then turned to him and said, "Mr. ——— (here I didn't catch the name) of the Takasini Laboratories is calling. He has been recommended by Mr. Kirkpatrick and he desires to speak with you concerning the 'AMYLIC' process and wants to know when he can arrange an appointment." Reich mused awhile, "The Takasini Laboratories, and he says he has been sent by Kirkpatrick. Tell him I will be out of town Friday and Saturday and that I will be very busy on Monday, but I can see him here at the plant on Tuesday." Miss Hoag transmitted this

RHO:ntp
65-1307

Item #29

Message, listened for a few moments, and then said to the Doctor, "The gentleman says he is calling from Freehold, New Jersey and he will be in New York tomorrow and wants to know if he can meet you there."

At this, my employer threw up his hands in disgust and said, "Oh, such horrible people. It is typical of the Japanese. They are so arrogant. Here, he wants me to give him info concerning the AKILO process, and that I should do it at his convenience. Tell him I cannot see him tomorrow and to call some time next week."

Still angry, he turned to me "Such gall, it's a wonder he doesn't want me to pay for his long distance call. There are only two or three plants in the world which use the AKILO process and I am one of the few people who has ever seen it in operation. It is the only method, you know, for preparing AKIL alcohol by direct fermentation and it works

RHO:mtg
65-1307

Item # 29

About IST in a warm climate that is why the Japanese are so interested in it. Yes, I know all about it.

At this, I recalled a few years ago that Reich had made a trip to Cuba and South America, as well as several trips to Europe. At first I did not catch on as to the nature of the caller or the company he represented and had not paid much attention, but now, though very interested, I pretended that I only wanted to finish our discussion and get back to work. Here I also recalled that our mutual friend had once asked if there were such a process and I had not known anything about it. Since then, I have only been able to determine that no Japanese has visited Dr. Reich at the plant. Whether they have met outside I do not know. The following are the possibilities as far as gaining any information concerning this process:

1. Dr. Reich has the process only in his mind and has no written description of it. This is very unlikely as he is a scientific man and keeps very methodical and complete records.
2. That this data may be kept at his home. (He has maintained two apartments in Philadelphia; one in the central city district and one in the suburbs), and in this case, it would be very difficult to obtain.
3. That the data may be in the files of his office at the plant and in this case, a systematic survey would reveal their exact whereabouts and I could easily obtain them.

Use on
down on
separate
page

Item #29

The writer gained his information concerning the "AMULO" process in the following manner:

On the afternoon of Thursday, March 17, I was in the office of Dr. Reich discussing some data I had obtained on the recovery of CO₂ and others present were Miss Hoag, ^{the lady} and Arthur ^{Simmers}. The phone rang and Dr. Reich's secretary answered.

She then turned to him and said, "Mr. — (here I didn't catch the name) of the Takamini Laboratories is calling. He has been recommended by Mr. Kirkpatrick and he desires to speak with you concerning the 'AMULC' process and wants to know when he can arrange an appointment." Reich smiled awhile, "The Takamini Laboratories, and he says he has been sent by Kirkpatrick. Tell him I will be out of town Friday and Saturday and that I will be very busy on Monday, but I can see him here at the plant on Tuesday." Miss Hoag transmitted this

Could. 6/11/50
Hm

RHS:mtg
65-4307

①

as the writer gained ~~the~~ ^{his} information
concerning the "Ampho" process in the
following manner. 6/3/50
JCB
JCB

On the afternoon of Thursday, March
17, I was in ^{the office of} Dr. Reich's office discussing
some data I had obtained on the recovery
of CO₂. The phone rang and Dr. Reich's
secretary answered it.

She then turned to him and said

"Mr. _____ (she didn't catch the name)
of the Takamine Laboratories is calling.
He has been recommended by Mr.
Kirkpatrick and he desires to speak
with you concerning the "Ampho"
process and wants to know when
he can arrange an appointment.

Reich ~~waited~~ ^{waited} a while, "The
Takamine Laboratories and he says he
has been ^{sent} by Kirkpatrick. Tell him
I will be out of town Friday and
Saturday and that I will be very
busy on Monday but I can see him
here at the plant on Tuesday."

Miss Hoag transmitted this

Item #29

Message, listened for a few moments, and then said to the Doctor, "The gentleman says he is calling from Fresholt, New Jersey and he will be in New York tomorrow and wants to know if he can meet you there."

At this, my employer threw up his hands in disgust and said, "Oh, such horrible people. It is typical of the Japanese. They are so arrogant. Here, he wants me to give him info concerning the AMLO process, and that I should do it at his convenience. Tell him I cannot see him tomorrow and to call some time next week."

Still angry, he turned to me "Such gall, it's a wonder he doesn't want me to pay for his long distance call. There are only two or three plants in the world which use the AMLO process and I am one of the few people who has ever seen it in operation. It is the only method, you know, for preparing ANIL alcohol by direct fermentation and it works

Con's 6/10/50
th

REC-65
65-1307

©

3

message ^{intended for a} ~~spoke~~ ~~and~~ ~~after~~ ~~a~~ ~~few~~ ~~words~~
and then said to the doctor, 6/3/50
900
210

"I'll get them on a sup he is calling
from Freehold, N.J., and he will be
in New York tomorrow and ~~to~~ want
to know if he can meet you there.

at this my employee threw up
his hands in disgust and said,

"Oh such terrible people. It is typical
of the Japanese. They are so arrogant,
here he wants ^{me to give him} ~~me to give him~~ ^{concerning the}
ampoule process and ~~he~~ I should do it at
his convenience. Tell ~~me~~ ^{him} I cannot
see him tomorrow ~~and to call sometime~~
next week." ~~etc~~

Still angry he turned to me, and
~~said~~ "Lick gall," it's a wonder he
doesn't want me to pay for his ^{long} ~~call~~
distance call. ~~And~~ ~~it's~~ ~~the~~ ~~few~~
these plants in the world which use
the ampoule process and I am one of
the few people who has ever seen it
in operation. ^{It is the} ~~you know~~ only method,
you know, of for preparing ampoules
by direct fermentation and it ~~works~~

Item #29

First
About 1941 in a warm climate that is why the Japanese are so interested in it. Yes, I know all about it.

At this, I recalled a few years ago that Reich had made a trip to Cuba and South America, as well as several trips to Europe. At first I did not catch on as to the nature of the caller or the company he represented and had not paid much attention, but now, though very interested, I pretended that I only wanted to finish our discussion and get back to work. Here I also recalled that our mutual friend had once asked if there were such a process and I had not known anything about it. Since then, I have only been able to determine that no Japanese has visited Dr. Reich at the plant. Whether they have met outside I do not know. The following are the possibilities as far as gaining any information concerning this process:

1. Dr. Reich has the process only in his mind and has no written description of it. This is very unlikely as he is a scientific man and keeps very methodical and complete records.
2. That this data may be kept at his home. (He has maintained two apartments in Philadelphia; one in the central city district and one in the suburbs), and in this case, it would be very difficult to obtain.
3. That the data may be in the files of his office at the plant and in this case, a systematic survey would reveal their exact whereabouts and I could easily obtain them.

See on
down on
separate
page

Could. 6/18/50
JFM

REC:mtp
65-1307

(2)

5

best in a warm climate. That is why the Japanese are so interested in it. Yes, I know all about it." a few years ago

at this I recalled that Reich had made ~~several~~ ^a trips to Cuba and South America as well as several trips to Europe at first I had not caught on as to the nature of the call or the company he represented and ~~had~~ ^{had} not paid much attention but, now though I ~~was~~ ^{was} very interested, I ~~only~~ pretended that I only wanted to finish our discussion and ~~get~~ get back to work. Here I also recalled that our mutual friend had once asked if there were such a process and I had not known anything about it.

Since then I have only been able to determine that ~~the~~ no Japanese has visited Dr. Reich at the plant, ~~at least~~ ^{at least} they had not outside, ~~do not know~~ ^{do not know}. ~~as far as going to any information concerning the~~ The following are the possibilities as far as gaining any information concerning this process.

" Dr. Reich has the process only in his mind and has no ~~more~~ ^{more} written description of it. This is very unlikely as he is a scientific man & needs

very methodical & ~~complete~~ ^{complete} records. (C)

2. That this data may be kept at his home (as he does maintain two apartments in Philadelphia, one in the central city district and one in the suburbs) and in this case it would be very difficult to obtain.

3. That the data may be in ~~the files~~ ^{the files} of his office at ~~the~~ plant and in this case a systematic search would reveal their whereabouts and I could easily obtain them.

6/3/50
JLD
JLD

Item #29

THE AMILO PROCESS

As the plant is in more a state of siege than ever, I was unsuccessful in several attempts to gain admittance to the plant so that I might see Dr. Reich. However, I did call him twice and we discussed the report on the recovery of CO₂, which I am completing through with the work. We also talked of the design for the new 10 ton plant design and agreed that it was a shame that the strike had interrupted ^{Reich's} work on the plans. Reich stated that as soon as the trouble was over (and he has no definite idea when this will be), we would rush to complete the work. I said I was very anxious to see the results of the great amount of work we had put into the job. I am to keep calling him every few days.

Call 6/18/54
Jm

REICH
65-1307

The angle of access
on the ~~plant~~ plant is ~~in~~ ⁱⁿ ~~more~~ ^{more} ~~a~~ ^a ~~state~~ ^{state}
of mind ~~of~~ ^{of} ~~the~~ ^{the} ~~work~~ ^{work} was ~~more~~ ^{more} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~mind~~ ^{mind}
attempts to gain admission to the
plant so that V might see Dr. Peck,
however, I did call him ~~the~~ ^{the} ~~time~~ ^{time} for
~~the~~ ^{the} ~~meeting~~ ^{meeting} ~~at~~ ^{at} ~~the~~ ^{the} ~~plant~~ ^{plant} & we discussed the
report to which I am ~~of~~ ^{of} ~~completing~~ ^{completing} ~~the~~ ^{the}
~~work~~ ^{work} ~~at~~ ^{at} ~~the~~ ^{the} ~~plant~~ ^{plant}. We also talked of
the ~~report~~ ^{report} for the new 10. to 1 day plant
- ~~meeting~~ ^{meeting} ~~and~~ ^{and} ~~agreed~~ ^{agreed} ~~that~~ ^{that} ~~it~~ ^{it} ~~was~~ ^{was} ~~a~~ ^a
~~matter~~ ^{matter} ~~that~~ ^{that} ~~the~~ ^{the} ~~strike~~ ^{strike} ~~had~~ ^{had} ~~interrupted~~ ^{interrupted}
demanded work on the plans. Peck said
- ~~that~~ ^{that} ~~we~~ ^{we} ~~are~~ ^{are} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~trouble~~ ^{trouble} ~~was~~ ^{was} ~~over~~ ^{over}
~~the~~ ^{the} ~~work~~ ^{work} ~~on~~ ^{on} ~~the~~ ^{the} ~~plant~~ ^{plant} ~~and~~ ^{and} ~~he~~ ^{he} ~~has~~ ^{has} ~~no~~ ^{no}
will be ~~the~~ ^{the} ~~work~~ ^{work} ~~and~~ ^{and} ~~we~~ ^{we} ~~would~~ ^{would} ~~need~~ ^{need} ~~to~~ ^{to}
complete the work. I said that I was
very anxious to see the ~~results~~ ^{results} ~~of~~ ^{of} ~~the~~ ^{the} ~~work~~ ^{work}
great amount of work we had put into
the ~~work~~ ^{work}
I intend to keep calling him every few days

6/2/50
OO
GSE

SAC

June 8, 1950

ALBERT L. PIERCE, SA

HARRY GOLD, WAS.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Five (5) sheets of yellow paper, which appeared to be in GOLD's handwriting. These were headed "Financial & Social History of the Gold Family." These pages listed GOLD's employment history since graduating from high school until he moved to 5032 North Boudinot Street. They indicate that GOLD's financial circumstances were low during this period, and that they were almost evicted from their home. However, KARL SCHOFIELD, a young lawyer, averted this. Readable copies of these pages were made because GOLD's handwriting was very poor. These copies are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEADS:

Will exhibit these sheets to GOLD for his interpretation and his reason for writing about his financial troubles.

Will locate and interview KARL SCHOFIELD, the lawyer mentioned, and will obtain any information he may have bearing on this case.

ALP:HEMcG
65-4307

Item #29

After graduating from high school, I worked for two years as a routine analytical chemist at the Perma. Sugar Co. In this time I managed to save over \$2200 due to the fact that my father was regularly employed and my mother used his money for the upkeep of the household and put practically all of my pay in the bank. As I was averaging over \$35.00 a week (at that time we worked 12 hours a day and 7 days a week), it can readily be seen how this comparatively large amount accumulated.

In September 1930, on the advice of Dr. Reich, I left work and entered in the course in the Towne Scientific School in the University of Pennsylvania. Immediately after this, my father began to work irregularly and soon was laid off entirely. Also, when I had completed one year at the University, the summer work which Dr. Reich had promised me and which I had hoped would bring me over \$300, failed to materialize.

RHD:stp
65-1307

Item #29

(2)

All this time when my mother needed money I told her to draw from my account at the bank. At the beginning of my second year at school, I realized that I would soon have to return to work but hoped to complete at least two years which would be just half of the work required for a degree. In February 1932 before the start of the second half of the sophomore year, with just sufficient money left to pay my tuition until June, I again went to Dr. Reich and he advised me to complete the second and he would then give me my old job and also promised to find a job for my father at the Sugar Co. if pop did not obtain one in the meantime. However, my father did not get the job he so confidently expected. Reich did not come through as he had said and in March I suddenly had to leave school to forestall the constable who had a levy on the goods in the house we rented from dispossessing us. Here I went directly to the owner of the house.

RHO:mtp
65-1307

Item #29

(3)

Karl Schofield, a young lawyer who had entrusted the house to an agent who was sending the constable. Schofield averted this disaster and we have since dealt directly with him. The relationship has been more that of friends than of landlord and tenant. Also, the University was very nice at that time in returning three-quarters of the tuition I had paid in February. This came to over \$150.

In May of 1932 Dr. Raich obtained a job for me at the Sugar Company but not in his department and in December I lost my job in a general layoff. This happened just as I had cleared all of the debts of the family and we again went into a hole.

In February 1933 I obtained work as an analytical chemist at the Holbrook Mfg. Company near Jersey City, New Jersey, a soap concern. Unfortunately half of the \$30.00 a week went for living expenses and I could only send \$15.00 home

RHO:mp
65-1307

Item # 29

(4)

So when Dr. Reich offered me my old job back I had to accept and have been with the Sugar Company since. In the meantime, our debts have mounted - \$240 rent to Schofield, \$80.00 for meat from Colman the butcher, etc. and it was several years before we paid them off, even though my father was beginning to work somewhat regularly. Also, in 1935, my younger brother graduated from high and has since helped out by working part time for a delivery company. At first he made only \$6.00 a week but he is now working regularly and earns \$18.00. My father's employment at the RCA Victor Company is still irregular and at present, he is only working one day a week which brings only \$5.00.

We have just moved from our old address at 2510 S. Phillip Street to a much better neighborhood. This was absolutely necessary as the street in the entire section of the City had become a complete slum.

RHC:mp
65-4307

Stam 5/21

(5)

noisy, filthy, and infested with many unsavory characters. This made my mother very nervous and I also could only work at home in the early hours of the morning when it was reasonably quiet. It was also impossible to invite any professional friends in whom we might be interested, to such a neighborhood.

The new home at 5032 S. Boudinet Street, about 10 miles north of the old location, is a very quiet section and is a far better home. It contains a kitchen, breakfast room, dining room, parlor, an enclosed porch on the first floor, and three bedrooms and a bath on the second floor. There is a one car detached garage. The home rents only for \$15.00 a month, \$7.00 more than we paid at South Philadelphia.

RHO:mtp
65-1307

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1-B-5 (29-18)
(FINANCIAL AND SOCIAL HISTORY OF THE GOLD FAMILY)

The instant exhibit consists of five pages of GOLD's handwriting, in which he set forth biographical information on himself and his family.

GOLD said that this was the rough draft of a report which was subsequently submitted to FRED. GOLD said that this was probably written in the early part of 1938 and shortly after he first met FRED, because he recalls that FRED at one of the first meetings instructed GOLD to submit such a biographical sketch on himself. GOLD stated that all the information set forth in this rough draft report is quite true.

This exhibit was shown to GOLD on 6/17/50.

TSM:HKP
65-1307

Item # 29

①

Financial & Social History of The Gold Family

After graduating from high school, I worked for two years as a routine analytical chemist at the Penna. Sugar Co. In this time I managed to save over \$2200 due to the fact that my father was regularly employed and my mother used his money for the upkeep of the household and put practically all of my pay in the bank. As I was averaging over \$35.00 a week (at that time we worked 12 hours a day and 7 days a week), it can readily be seen how this comparatively large amount accumulated.

In September 1930, on the advice of Dr. Reich, I left work and entered in the course ^{of chemistry} at the Towne Scientific School in the University of Pennsylvania. Immediately after this, my father began to work irregularly and soon was laid off entirely. Also, when I had completed one year at the University, the summer work which Dr. Reich had promised me and which I had hoped would bring me over \$300, failed to materialize.

covered
6-17-50
HA

RG:mtp
65-4307

6/3/15
100

After graduating from high school
~~in 1913~~ I worked for two years as
a machine tender at the Pennsylvania
Sugar Co. In this time I managed
to save over \$22.00 due to the fact that
my father was regularly employed at
the R. C. A. O. at that time and
I had my monthly pocket money

~~which I used for~~ I used the
money for the upkeep of the household
and put practically all of my savings
in the bank as I was averaging over
35 dollars a week (at that time we
worked 12 hours a day and 6 days a
week) it can readily be seen how fast
a comparatively large amount accumulated

On June 1, 1915 on the advice of my
father I left work and entered the
University of Pennsylvania

Immediately after this my father was
~~employed~~ began to work regularly
I was laid off entirely. Also
when I had completed one year at the
University the summer work which

On June 1st had promised me, which
I had hoped would bring me over \$200.

Item #29
②

All this time when my mother needed money I told her to draw from my account at the bank. At the beginning of my second year at school, I realized that I would soon have to return to work but hoped to complete at least two years which would be just half of the work required for a degree. In February 1932 before the start of the second half of the sophomore year, with just sufficient money left to pay my tuition until June, I again went to Dr. Raich and he advised me to complete the second and he would then give me my old job and also promised to find a job for my father at the Sugar Co. if pop did not obtain one in the meantime. However, my father did not get the job he so confidently expected. Raich did not come through as he had said and in March I suddenly had to leave school to forestall the constable who had a levy on the goods in the house we rented from dispossessing us. Here I went directly to the owner of the house.

Covered
6-16-57
J.B.

ENCLOSURE
65-1307

③

I need to mention... all the...
I needed money of the...
from my account of the bank...
~~my account of the bank~~
I decided to return to work
and hoped to complete at least two
years which would be just half of
the time required for a degree
I had already before to stop the start of the
second half of the sophomore year to
go into just sufficient money to pay
my tuition till June (a guarantee
to Dr. Reach & he advised me to ^{accept} ~~find~~
the period of he would attend you and
work my old job and ^{also promise to find a}
job for me ^{at the University at P.O.P.}
~~I did not find a job~~
did not obtain the ~~intention~~ ^{intention}
~~to get a job~~
I did not get the job he so confident
death expected... but did not come
the night as he had said and
we marched suddenly had to leave
I tried to follow the countable who
had a key on the goods in the ^{the}
found from disposing of ^{the} ~~the~~ ^{the}
I went directly to the outside of the house

6/15/50
JWB
200

Item # 29

Karl Schofield, a young lawyer who had entrusted the house to an agent who was sending the constable. Schofield averted this disaster and we have since dealt directly with him. The relationship has been more that of friends than of landlord and tenant. Also, the University was very nice at that time in returning three-quarters of the tuition I had paid in February. This came to over \$150.

In May of 1932 Dr. Raich obtained a job for me at the Sugar Company but not in his department and in December I lost my job in a general layoff. This happened just as I had cleared all of the debts of the family and we again went into a hole.

In February 1933 I obtained work as an analytical chemist at the Holbrook Mfg. Company near Jersey City, New Jersey, a soap concern. Unfortunately half of the \$30.00 a week went for living expenses and I could only send \$15.00 home

covered 6-16-50
RWB

RHO:mtp
65-1307

Karl [unclear] a [unclear] [unclear] [unclear]
 in [unclear] the house to [unclear] [unclear] [unclear]
 [unclear] [unclear] reading the [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

In [unclear] of 1955 Dr. Reich obtained
 a job for [unclear] at the Sugar Co. but not
 in his dept. and in December I was
 laid off [unclear] [unclear] [unclear] [unclear] [unclear]
 I lost my job in a general lay-off.

This happened just as I had cleared
 all of the debts of the family & had
 a gain went into a [unclear] in Feb. 1955
 I obtained work at the Halbrock Mtg. Co.
 in Ferry City, N.C. for a soap concern,
 and I worked there in September of

Unfortunately, half of the
 thirty dollars a week went for
 living expenses and I could only
 send fifteen dollars home in money

6/3/55
 110
 870

Item #29

So when Dr. Reich offered me my old job back I had to accept and have been with the Sugar Company since. In the meantime, our debts have mounted - \$21.00 rent to Schofield, \$80.00 for meat from Colman the butcher, etc. and it was several years before we paid them off, even though my father was beginning to work somewhat regularly. Also, in 1935, my younger brother graduated from high and has since helped out by working part time for a calvary company. At first he made only \$6.00 a week but he is now working regularly and earns \$18.00. My father's employment at the RCA Victor Company is still irregular and at present, he is only working one day a week which brings only \$5.00.

We have just moved from our old address at 2510 S. Phillip Street to a much better neighborhood. This was absolutely necessary as the street in the entire section of the City had become a complete slum.

Journal 6-16-50
RAA

RHC:mp
65-1307

Dear friend offered me a job but I
I had to accept and I have been with
the [unclear] Co. since [unclear] the [unclear]
our debts had mounted [unclear]
rent to [unclear] \$30 [unclear] for [unclear]
from [unclear] the [unclear] [unclear] [unclear]
and it was several years before we
paid them off when the my father
was he [unclear] to work [unclear] [unclear]
somewhat regularly. I also in 1955
my younger brother graduated from
high school and has since helped out by
working from part time for a delivery
Co. at first he made only [unclear] dollars a
week but he is now working regularly
for [unclear] \$10. My father's employer
at the [unclear] R.C.A. [unclear] is
still very nice [unclear] at present the
is only working 1 day a week [unclear]
bring in only \$5

6/3/50
[unclear]
[unclear]

We have just moved from
our old address at 2780 S. Phillips
street to a much better neighborhood
This was absolutely necessary as the
old [unclear] section of the city had [unclear]
people become a complete slum

Item #29

- noisy, filthy, and infested with many unsavory characters. This made my mother very nervous and I also could only work at home in the early hours of the morning when it was reasonably quiet. It was also impossible to invite any professional friends in whom we might be interested, to such a neighborhood.

The new home at 5032 N. Bondinet Street, about 10 miles north of the old location, is a very quiet section and is a far better home. It contains a kitchen, breakfast room, dining room, parlor, an enclosed porch on the first floor, and three bedrooms and a bath on the second floor. There is a one car detached garage. The home rents only for \$35.00 a month, \$7.00 more than we paid at South Philadelphia.

6-16-50
PMB

RRG:mp
65-1307

~~very~~ - many, filthy, and ~~dirty~~
with many ~~and~~ very ~~dirty~~ ~~and~~ ~~dirty~~
~~made of~~ ~~poor~~ ~~materials~~
~~and~~ ~~not~~ ~~in~~ ~~any~~ ~~way~~
nervous & I also could only ~~work~~
hard in the early hours of the morning
when it was reasonably quiet. It was
also impossible to invite any professional
friends in whom we might be interested
to such a neighborhood.

The new home at 5032 in Madison
- about the size and type of old houses -

street is ~~located~~ in a very quiet
section & is a far better home. It
contains a kitchen, breakfast room,
dining room, parlor, and ~~two~~
porch on the first floor and three
bedrooms & a bath on the second floor.
There is in a well detailed garage.
The whole rents for only \$35 a month,
even dollars more than we paid for
at South Philadelphia.

6/3/50
J.P.

65-4207-18-5 (29-18)

CHARL BEAMAN INFO

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-4307-1-B-5 (29-18)
(CARL BUCHMAN)

This exhibit is one page of handwriting, half of which is concerned with BUCHMAN and the other half entitled "GRAFF PAEN or GRAFF PENN."

GOLD stated that all is in his handwriting and that the material on CARL BUCHMAN was in connection with another report in which he referred to BUCHMAN merely as "C.B." He said that BUCHMAN was probably a Trotskyite whom FRED asked GOLD to check up on. GOLD could not recall his making any inquiry as stated in the report.

Relative to the material on GRAFF PAEN, GOLD said that it might have been in connection with the other material on LEO PENN. GOLD said that he does not recall the incident at all and stated that relative to the last paragraph, it is false because he has never gone to Jenkintown. GOLD said that he probably just assumed from the telephone listing, as set forth in the report, that the house was in a residential district. GOLD said that this was just another assignment given to him by FRED which he cannot recall.

This exhibit was shown to GOLD on 6/17/50.

TSM:HKF
65-4307

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1-B-5 (29-18)
(CARL BUCHMAN)

This exhibit is one page of handwriting, half of which is concerned with BUCHMAN and the other half entitled "GRAFF PAEN or GRAFF PERIN."

GOLD stated that all is in his handwriting and that the material on CARL BUCHMAN was in connection with another report in which he referred to BUCHMAN merely as "C.B." He said that BUCHMAN was probably a Trotskyite whom FRED asked GOLD to check up on. GOLD could not recall his making any inquiry as stated in the report.

Relative to the material on GRAFF PAEN, GOLD said that it might have been in connection with the other material on LEO PERIN. GOLD said that he does not recall the incident at all and stated that relative to the last paragraph, it is false because he has never gone to Jenkintown. GOLD said that he probably just assumed from the telephone listing, as set forth in the report, that the house was in a residential district. GOLD said that this was just another assignment given to him by FRED which he cannot recall.

This exhibit was shown to GOLD on 6/17/50.

TSM:HKF
65-1307

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1-B-5 (29-18)
(CARL BUCHEAN)

This exhibit is one page of handwriting, half of which is concerned with BUCHEAN and the other half entitled "GRAFF PAEN or GRAFF FERRE."

GOLD stated that all is in his handwriting and that the material on CARL BUCHEAN was in connection with another report in which he referred to BUCHEAN merely as "C.B." He said that BUCHEAN was probably a Trotskyite whom FRED asked GOLD to check up on. GOLD could not recall his making any inquiry as stated in the report.

Relative to the material on GRAFF PAEN, GOLD said that it might have been in connection with the other material on LEO FERRE. GOLD said that he does not recall the incident at all and stated that relative to the last paragraph, it is false because he has never gone to Jonckintown. GOLD said that he probably just assumed from the telephone listing, as set forth in the report, that the house was in a residential district. GOLD said that this was just another assignment given to him by FRED which he cannot recall.

This exhibit was shown to GOLD on 6/17/50.

YSH:HF
65-1307

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-4307-1B-5 (29-18)
(LEO C. PENN)

This one page of handwriting, which GOLD stated was his handwriting, was shown to GOLD on 6/17/50. GOLD stated that he does not recall the incident at all but that it probably was an assignment given GOLD by FRED, and that GOLD was to check on this individual by the name of LEO C. PENN, who was possibly a Trotskyite.

TSM:HKF
65-4307

Item #29
PH 65-4307

CARL BUSHMAN (illegible) *Buchman*

I have inquired of about 15 or 20 people I know who live in the vicinity of 23rd and Walnut Streets, but none of them know of this person. His correct address, incidentally is 2209 Walnut Street. This is a three story house divided into six apartments. I have been unable to question the janitor as BUSHMAN might possibly see one in and my questioning his interfere with investigation at the most logical time. *(H. was trying to say that CO might have seen him with janitor - this would prejudice further investigation.)*
(GROFF) GRAFF PAEN or *PAEN*
(GROFF) Graf Peen

There is no such name or even approximation listed in the telephone directory either as an individual or a druggist. Unfortunately the Public Library has no directory of the Pennsylvania Pharmaceutical Association the they have membership lists of other tech. societies.

There is a Gros Jean listed in Jenkintown, a suburb about ten miles outside of Philadelphia, but when I went there this proved to be a private residence.

Carroll
6-16-50
MB

WRB:eba

and ~~the~~

I had a group of about 15 or 20 people I found out
this in the vicinity of 23 rd & Walnut & to find out
of them. Some of this person. This address is identical
is 2209 Walnut St. 7 this is a ^{house} three-story ~~apartment~~
divided into ~~apartments~~ ^{apartments}. I have been unable to question the
person as the person might possibly not be in & may
working has ~~prevented~~ interfered with investigation
at the ~~most~~ most logical time.

The address of the person, ~~is~~

~~is~~

7 there is no such name or even approximation
listed in the telephone directory either ~~on~~ ⁱⁿ ~~the~~ ^{the} ~~area~~ ^{area}
or a directory. Unfortunately the Public Library has
no ~~copy~~ Directory of the Penna. & ~~the~~ ^{the} ~~central~~ ^{central} ~~assoc.~~ ^{assoc.}
that they had membership lists of other ~~clubs~~ ^{clubs}. Some has
7 there is a tropical library for his town a suburb
about 10 miles outside of Phila. but when I went there
it proved to be a private residence.

6/15/50
JLO
GLO

Item # 29
8-1-50

LEO C. PENN

The man is a druggist (he is listed in the telephone directory as a Doctor of Pharmacy) who has a store at 1501 N. 6th Street in Philadelphia. This is actually the Northwest corner of 6th and Jefferson Streets in Philadelphia. The business is on the first floor of a three story house, and there is a dining room and kitchen in the rear and bedrooms and bath on the second floor. I don't know about the third floor, but it is probably rented as an apartment as is the custom in Philadelphia.

This is one of the older sections of the city and might almost be classed as a slum, but PENN'S place seems quite prosperous.

The store is small but clean, and well stocked. However there is no soda fountain. This is unfortunate otherwise I could stop in every day for ice cream or a cold drink without arousing my suspicion. On my visit there, I bought a tube of tooth paste. PENN is a fairly tall and well built man; his hair is almost entirely gray but I judge his age is only about 45 or 50. He seems intelligent but very opinionated. Of course this is as much as I could judge from a short conversation with him about the sales tax.

Con'd. 6/17/50
JEM

WHS:ebn

Ch. C. P.

The main idea suggested (as indicated in the telephone conversation & on my drawing) was to have a building on the N.W. corner of 6th & Jefferson St. in Philadelphia. The building is on the first floor of a structure that had a dining room & kitchen on the second & third floors & bedrooms on both the second floor. The building I do not know since the third floor was probably rented for an apartment house.

Philadelphia, the building is small but clean & well stocked. It is a good foundation. This is unfortunate as otherwise I could stop every day for a cold drink without having to go to a drug store. I have a table of transportation in Philadelphia. This building is about a half a mile from the city center. It is only about 45 or 50. He seems to tell me that my opinion is correct. As much as I could judge from a short conversation in the office about the sales tax.

As for the other section of the city & might be closed on a street but the plan is quite plausible.

6/3/50
AP
270

65-4307-1B5(29-18)

HERBERT EPSTEIN INFO

SAC

June 8, 1950

ALBERT L. PIERCE, SA

HERBERT EPSTEIN
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-1307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. FETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper, apparently in GOLD's handwriting, bearing the heading "HERBERT EPSTEIN," or "H.E." These sheets apparently concern GOLD's attempts to recruit HERBERT EPSTEIN in espionage activity. They list background information regarding EPSTEIN, and details concerning his meetings with him and with EPSTEIN's friends. It is indicated that GOLD first met EPSTEIN at the SCHULTZS (believed to be JOSEPH SCHULTZ). EPSTEIN's other friends were SHIRLEY, DOROTHY, and DON (last names unknown), and S. O'KEN. It is believed likely that the S. O'KEN mentioned may be SHIRLEY O'KEN. GOLD also speaks of EPSTEIN's girlfriend "C". One of these sheets lists a contact with "S.O.," which may be SHIRLEY O'KEN.

This same sheet, under the heading "C.B.," indicates that EPSTEIN made a number of pretext telephone calls to "B's" apartment five times during one week, and that once when he was in GOLD hung up.

One of these sheets states that GOLD had determined that "D" had not told the truth about the P & b's in the Naval Library when he said they could not be taken out. This is believed to refer to DANIEL KLINE.

Since GOLD's handwriting was very poor, typewritten copies of these pages have been prepared and are being attached to this memorandum. Extra copies were made which have been attached to the exhibits.

ALP:MEMCO

65-

cc: 65-1307 (HARRY GOLD)

MEMO SAC

6/8/50

LEADS:

Will contact HARRY GOLD and exhibit these sheets to him for his complete explanation of HERBERT EPSTEIN's relations with him and his espionage connections.

Will question GOLD regarding the date of preparation of these reports and for whom they were prepared.

Will further question GOLD regarding the other individuals mentioned in these pages and their connection in espionage activities.

Will determine the identity of all these individuals and complete background information should be obtained regarding them.

Item #29

HERBERT EPSTEIN

RHG:HEF
65-4307

Item 729

HERBERT EPSTEIN is about 28 or 30 years of age and was born in America. His parents came here from Russia and only his mother is now alive. I have met her and she is an intellectual, refined woman who is very much interested in charitable work among the Jewish people, particularly in Zionism. Her political views are very vague. In fact I doubt very much if she has any definite convictions. I think she owns some property which brings her a fairly steady income.

EPSTEIN was educated at grammar school and high school and attended some technical school (which one I'm not sure) in the evenings, where he learned engineering drawing. He has been in the employ of the P.N.Y. for about five years as a draftsman. For about three years he worked in the department of aircraft design but lately has been transferred to the construction of light cruisers. Just exactly what work he is now doing I cannot say. As to his political beliefs EPSTEIN is quite a radical Socialist, but unfortunately as I discovered these were just beliefs,

ROH:HLF
65-1307

Item 129

and did not give rise to any definite action. He is what is often called a "parlor pink."

I first met him as I have said at the SCHULTZs, and I was very much impressed and hopeful at that time but then I gradually changed my ideas.

I saw EPS for several months after I had stopped seeing the SCHULTZs as he too had become pretty well disgusted with the newlyweds and almost stopped going there. All attempts to elicit any info from him were very unsuccessful as he refused to talk of his work, only in a very general way. He once said that they had been given orders at the Navy Yard to speak to no one at all about their work and that he was afraid he would lose his job if he said anything to anyone. I actually once heard him speak sharply to his mother because she merely asked him how his work was coming along.

It may be that my attempts were unsuccessful because I used the wrong technique, but all these details were thoroughly discussed with our mutual friend before I did anything so I think that we have merely to deal with a very scary individual. Therefore I stopped seeing EPSTEIN about six months ago. However, when I called him on the phone this week he was glad to hear from me and we made a tentative arrangement to meet next week.

This
on
separ-
ate
page

RGH:HEP
65-1307

Item #29

H.E.

E. is now working plans on the new battleship now under construction at the P.N.Y. This is one of two sister ships, the second one the Brooklyn N.Y. This is as much info as I was able to obtain from him. He was formerly working on a light cruiser which was recently finished. He did say, however, that practically all the general design is done at Washington but those are then sent down and the detail work done here.

RWG
RSH:HSY
65-1007

Item #29

HERBERT EPSTEIN

I met EPSTEIN during the week and we went to the movies. As was suggested we talked at length about false advertising in newspapers; from there drifted to consumers' problems in general and then to a worker's difficulty in making a living. It has already been mentioned that EPSTEIN is very liberal in his viewpoint and these subjects are easily discussed with him. I shall see him again next week and continue our conversations, this time dwelling on current events.

RHC
65-1307

Item #29

HERBERT EPSTEIN

I saw EPS. Tuesday. We did not go anywhere as a terrific rainstorm broke and lasted until early Wednesday morning. We talked for a while on H's boldness and Eng's kow-towing to him. We then dwelled upon the plight of the Jews all over the world. HERB did not think anti-Semitism would spread very far in America but I told him he was mistaken.

We then agreed it was too bad it was raining so hard we couldn't go out and I added that I did not get out sufficiently. He said that he thought so too and that he wanted me to go over to some girl's house Sunday. HERB said that he had told her all about me and that she would have a girl there for me. I demurred a little but finally agreed and so we shall see each other again Sunday.

RHC
RCH:HKF
65-1307

Item # 29

H. E.

Sunday Eps. and I went to his girl's house and spent a fairly enjoyable evening. His friend C. is a pleasant dark-haired girl of about 23 or so. Her parents have a small shop in a rather dingy neighborhood but the house is very well furnished and clean. The girl she had brought over for me Dot, works in a small dress shop on Arch Street. She was a rather tall, red-haired girl of 25 or 26 years and is very attractive, though she depends more heavily than necessary on cosmetics. We played cards and talked most of the evening. When I took S. home, she asked me to come over and see her Tuesday.

I arrived about 9 Tuesday evening, too late to go anywhere but we had a long and interesting conversation. She is really very intelligent. I learned that she works as a salesgirl for Gimbel Brothers in Philadelphia. We had a date to go to the movies this Sunday.

I saw Eps. again Wednesday and we went to the movies but our talking was mostly of the girls. I called him again Sunday and arranged to have him come to my house Thursday.

RHO:mtp
65-1307

Item # 29

H. L.

Epstein came to my house Thursday and we went for a long walk as it was a very hot evening. He wanted to talk mostly of his girlfriend and so I let him and told him that she seemed to be a very fine person and that I liked her friend Shirley too, and that we should go out often together.

I saw Shirley O'K-- on Tuesday and I suggested going to see her friend Dorothy but she said she would rather go to the movies. We talked afterwards on the difficulty of a girl in making a living and I went on to mention especially the obstacles confronting anyone of Jewish ancestry. I had arranged to see Shirley Sunday afternoon and when Dorothy and Herb came over, we all went to Willow Grove Amusement Park. Unfortunately, our fun was curtailed when the storm broke (which lasted all day) and we all got wet on the long ride home. I went to Shirley's home again on Tuesday, It was still raining and she was very tired and we stayed home and talked. She told me of her young nephew and what a pretty boy he was and we spoke of the happy existence of children in general. I then said how terrible it was that innocent and happy lives of babies should be so fearfully ended by the horrors of war - bombardments, gas attacks, and famines.

This on separate page

I called S. later in the week and we agreed to see each other during the weekend.

RHO:mtp
65-4307

Item #29

H.E.

HERB and I together with DOROTHY and SHIRLEY went to A.C. on Sunday and Monday, July 3 and 4. The girls secured a room at a hotel and HERB and I bunked together in another place. During the time that we were not with the girls HERB and I naturally spent a great deal of time in each other's company and thus I had a grand opportunity for long conversations with him. I remarked how many people there were here. I said that in Germany Jews were not allowed at the seashore and other resorts. I spoke of the menace of F.K. whose avowed aim was the destruction of all Jews in America. Even here I told him there are hotels and rooming houses which openly advertise in the newspapers "Gentiles only."

SHIRLEY and I went to the R.H.D. Tuesday, July 5 to see the ballet. After the performance I said that there was very little ballet dancing in Italy and Germany. There the women were being trained only to breed more and more sons for future slaughter. Such an existence I said was worse than that of an animal. Possibly I made a mistake in seeing SHIRLEY so regularly. She is far too affectionate to suit me and guess she thinks I am courting her and I hate to lead her on — yet if I disillusion her I am likely to lose this connection with EPSTEIN.

I saw HERB Thursday, July 7, and spoke of the two-faced policy in Palestine and how I did not think Zionism was the solution of the Jewish problem. When he asked what was I told him that I thought it was a long range plan involving the preservation of democracy in those countries in which it exists and its ultimate ext. to the entire world. We talked for a while on theoretical democracies and I mentioned that Russia was fast on the way to becoming one. We discussed this for quite a while and I backed every point for a perfect democracy against what is actually being accomplished in the Soviet Union.

on
back
of
page

RIG
65-1307

Item #29
PH 65-4307

H.E.

S.H.
Saw Herb H.E. We went to the movies to see "Blockade", a picture about the war in Sp. Tho it says it takes no sides, it is definitely sympathetic to the Loyalists, especially effective is the impassioned appeal for a fight with each made at the very conclusion of the picture by the principal character, HENRY FONDA. Afterward I praised the fine work of the int. brigade in aiding the cause. H. said he wondered where the thousands of volunteers all come from. I told him that many Americans were not only willing to talk about a cause but also to fight for it. They were making the greatest sacrifice that could be expected of any man once I mentioned the case of J.L., the son of R.L., the famous American writer. I didn't see HERB the rest of the week. I was out Wed. when he called so I am not sure but I think he goes vacation next week or the following week.

S.O.

I saw S. Thursday for the first time in three weeks as he had been away on vacation and had only returned last Thursday. We went to dinner and to a movie afterwards to celebrate the occasion. (It was a very enjoyable time). She tells me the stores in Philadelphia are trying to cut the minimum wage for sales girls from \$14.00 to \$12.00 a week. The State is asking for an increase to \$16.00, but this is still pitifully inadequate. Further, the stores have refused to cooperate by sending data on the one being exp. of their employees.

S said she would see D in a few days and if HERB was not going on vacation next week we would all go out together.

CB

Under various pretexts I called B's apartment five times during the week. Monday he was in at 7:00 PM and I hung up. Tuesday he was out at 8:00 and 9:00 PM also. There is no resident manager there, evidently only a janitor and he has no phone and I was unable to ask where B had gone.

I called again Wednesday at 7:00 PM and got no answer and again Thursday

WEB:ebn

Mem #29
PH 65-1307

at 6:00 PM with the same result.

I have been unable to locate the man I heard speaking in favor of Trotskyism at an acquaintance's home about a year ago. Have been trying to locate several people I formerly knew who may be able to introduce me to a member of that organization but I had not had the time to follow this up as well as I want to.

Mem #29

PH 65-1307

H.L. or H.E.

I saw man Aug. 1 and by discreet questioning detd. that D. had not told me the truth about the F & be in the Naval Library when he said they could not be taken out. I merely used this as a check as I had already found that this was the case from a study of a pamphlet issued on the Navy Yard for their apprentice system.

Wed. HERB and I went to R.H.D. with DOROTHY to see the opera "Carmen". I continued along the same lines as before to stress the destruction of culture by Germany, Italy and Japan with the attendant inevitable accompaniment of a "hate the Jews" campaign. H. told D. that I was "pretty well versed" on the subject, and I replied that it was necessary to realize this menace.

WRB:ebn

Item #29

H.E.

I saw S. O'KEN Tues. and when DON and HERB came over, we all went for a walk in the park -- it was very hot and we had some sodas. The talk was of a general nature, for the most part of recent movies.

Thursday I went to HERB's home to help fix his camera. It is an Agfa Ansco PD 16 Hypar model of the folding type. The trouble was that he had lent it to some people who had taken pictures at the seashore and sand got into the traction so that it would not open or close smoothly. We finally fixed it by careful cleaning. Afterwards I brought the conversation around to H.H.'s epic flight and here (as with K.L.) I took the opportunity to stress the aid given to the flight by R. I quoted HUGHES' own words, "Everything was perfect." Against this I contrasted the Ger. government's insistence that the plane flight had an altitude of over 10,000 feet and along a prescribed route. I told him the inference was plain as to which country was friendly to the U.S.

RHD:HEP
65-1307

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1B-5 (29-18)
(HERBERT EPSTEIN)

This exhibit consists of fifteen pages of handwritten notes, which GOLD identified on 6/15/50 as being his handwriting. GOLD stated that all of these notes were rough draft reports which were subsequently written up and turned over to his Soviet contact.

GOLD stated that HERBERT EPSTEIN is an absolutely fictitious individual and that these reports were given to his Soviet superior because GOLD was constantly being hounded for other recruits in Soviet espionage.

Relative to Page 4, GOLD said that when the GOLD family lived in the 2400 block of South Philip Street, there was a Mrs. EPSTEIN who resided there with her daughter, LOTTIE. He said that LOTTIE was a classmate of his in grammar school and played the violin. GOLD said that his mother and LOTTIE's mother tried to get the two children (LOTTIE and HARRY) interested in each other. GOLD stated he did not recall that LOTTIE had a brother. GOLD said that when making up the background of the fictitious HERBERT EPSTEIN, he had the above Mrs. EPSTEIN in mind. The rest of the information on this page is false.

Relative to Page 5, GOLD said that SCHULTZ is also a fictitious individual. GOLD said that he thinks he first mentioned EPSTEIN and SCHULTZ to STEVE SHWARTZ. GOLD thinks that later FRED took it up and asked GOLD whether he remembered "the guy in the Navy Yard," referring to HERBERT EPSTEIN. The information on this page is entirely false.

Relative to Page 6, GOLD said that he obtained the information therein from newspapers.

Pages 7 and 8 are all false.

With reference to Page 9, GOLD said that SHIRLEY OKEN is a girl with whom GOLD went prior to the time he attended Xavier University and who "jilted" GOLD. GOLD said he had been dating SHIRLEY OKEN since about 1936. He said that SHIRLEY lived in South Philadelphia in the 2400 block of South Philip Street. He said that SHIRLEY ultimately married a fellow whose first name was MARTIN but whose last name he could not recall.

TSM:HEP
65-1307

MEMO, SAC

6/23/50

GOLD said that the manner in which he allegedly met SHIRLEY OKEN, as set forth in these biographical sketch reports, was entirely false, since he had known SHIRLEY since she was a little girl.

Relative to Page 10, GOLD said that everything was false.

Relative to Page 11, which sets forth the information on the trip to Atlantic City, GOLD said that this was probably a trip which SHIRLEY OKEN made with another man and accompanied by another couple. He said that SHIRLEY told him all about the trip to Atlantic City in order to make him jealous, and that GOLD sought as an outlet for his emotion substituting himself for the other man in telling the story to his Soviet superior in the report.

Relative to Pages 12 and 13, GOLD said that he mentioned SHIRLEY OKEN because of a hypothetical conversation between EPSTEIN and SHIRLEY OKEN.

GOLD does not recall who C.B. is (subsequently identified as CARL HUGHMAN) but said that he was sure that C.B. were the initials of a name given to GOLD by his Soviet superior, and that GOLD was to establish whether C.B. resided at the address also supplied. GOLD said that this assignment was given to him by FRED; that the investigation was in Philadelphia, and that possibly C.B. might have been a Trotskyite.

Relative to the last paragraph on Page 13, GOLD said that he recalled that he had been given orders to submit names of any Trotskyites he knew, and since he did not know any, the entire paragraph is false.

Page 14 is entirely false.

Relative to Page 15, GOLD said that the incident about the camera actually happened to him when GOLD borrowed a camera to take to the beach and got sand in it. The HOWARD HUGHES information GOLD obtained from a newspaper.

GOLD stated that the period of these reports would be the summer of 1938 or possibly the late spring of the same year. GOLD said that HERBERT EPSTEIN is absolutely a fictitious individual and that the material on EPSTEIN is largely fictitious, with some real incidents about GOLD and SHIRLEY OKEN woven into the reports. GOLD said that he was seriously thinking of marrying SHIRLEY OKEN at this time and dropping the whole business of Soviet espionage, and therefore GOLD says he was in a way preparing FRED for this eventuality by submission of discouraging reports on the possibility of utilizing any of these individuals.

MEMO, SAC

6/23/50

GOLD stated that the reason he retained this report as well as reports on other individuals who could possibly be recruited in Soviet espionage, according to GOLD's statements to his Soviet superiors, was that they contain so many lies he had to keep some record of what he had said about various individuals in case FRED or STEVE should ever question him or make reference to one of GOLD's reports.

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1B-5 (29-1B)
(HERBERT EPSTEIN)

This exhibit consists of fifteen pages of handwritten notes, which GOLD identified on 6/15/50 as being his handwriting. GOLD stated that all of these notes were rough draft reports which were subsequently written up and turned over to his Soviet contact.

GOLD stated that HERBERT EPSTEIN is an absolutely fictitious individual and that these reports were given to his Soviet superior because GOLD was constantly being hounded for other recruits in Soviet espionage.

Relative to Page 4, GOLD said that when the GOLD family lived in the 2400 block of South Philip Street, there was a Mrs. EPSTEIN who resided there with her daughter, LOTTIE. He said that LOTTIE was a classmate of his in grammar school and played the violin. GOLD said that his mother and LOTTIE's mother tried to get the two children (LOTTIE and HARRY) interested in each other. GOLD stated he did not recall that LOTTIE had a brother. GOLD said that when making up the background of the fictitious HERBERT EPSTEIN, he had the above Mrs. EPSTEIN in mind. The rest of the information on this page is false.

Relative to Page 5, GOLD said that SCHULTZ is also a fictitious individual. GOLD said that he thinks he first mentioned EPSTEIN and SCHULTZ to STEVE SHWARTZ. GOLD thinks that later FRED took it up and asked GOLD whether he remembered "the guy in the Navy Yard," referring to HERBERT EPSTEIN. The information on this page is entirely false.

Relative to Page 6, GOLD said that he obtained the information therein from newspapers.

Pages 7 and 8 are all false.

With reference to Page 9, GOLD said that SHIRLEY OKEN is a girl with whom GOLD went prior to the time he attended Xavier University and who "jilted" GOLD. GOLD said he had been dating SHIRLEY OKEN since about 1936. He said that SHIRLEY lived in South Philadelphia in the 2400 block of South Philip Street. He said that SHIRLEY ultimately married a fellow whose first name was MARTIN but whose last name he could not recall.

TSM:HKF
65-1307

MEMO, SAC

6/23/50

GOLD said that the manner in which he allegedly met SHIRLEY OKEN, as set forth in these biographical sketch reports, was entirely false, since he had known SHIRLEY since she was a little girl.

Relative to Page 10, GOLD said that everything was false.

Relative to Page 11, which sets forth the information on the trip to Atlantic City, GOLD said that this was probably a trip which SHIRLEY OKEN made with another man and accompanied by another couple. He said that SHIRLEY told him all about the trip to Atlantic City in order to make him jealous, and that GOLD sought as an outlet for his emotion substituting himself for the other man in telling the story to his Soviet superior in the report.

Relative to Pages 12 and 13, GOLD said that he mentioned SHIRLEY OKEN because of a hypothetical conversation between EPSTEIN and SHIRLEY OKEN.

GOLD does not recall who C.B. is (subsequently identified as CARL BUCHMAN) but said that he was sure that C.B. were the initials of a name given to GOLD by his Soviet superior, and that GOLD was to establish whether C.B. resided at the address also supplied. GOLD said that this assignment was given to him by FRED; that the investigation was in Philadelphia, and that possibly C.B. might have been a Trotskyite.

Relative to the last paragraph on Page 13, GOLD said that he recalled that he had been given orders to submit names of any Trotskyites he knew, and since he did not know any, the entire paragraph is false.

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GOLD stated that the period of these reports would be the summer of 1938 or possibly the late spring of the same year. GOLD said that HERBERT EPSTEIN is absolutely a fictitious individual and that the material on EPSTEIN is largely fictitious, with some real incidents about GOLD and SHIRLEY OKEN woven into the reports. GOLD said that he was seriously thinking of marrying SHIRLEY OKEN at this time and dropping the whole business of Soviet espionage, and therefore GOLD says he was in a way preparing FRED for this eventuality by submission of discouraging reports on the possibility of utilizing any of these individuals.

MEMO, SAC

6/23/50

GOLD stated that the reason he retained this report as well as reports on other individuals who could possibly be recruited in Soviet espionage, according to GOLD's statements to his Soviet superiors, was that they contain so many lies he had to keep some record of what he had said about various individuals in case FRED or STEVE should ever question him or make reference to one of GOLD's reports.

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-4307-1B-5 (29-18)
(HERBERT EPSTEIN)

This exhibit consists of fifteen pages of handwritten notes, which GOLD identified on 6/15/50 as being his handwriting. GOLD stated that all of these notes were rough draft reports which were subsequently written up and turned over to his Soviet contact.

GOLD stated that HERBERT EPSTEIN is an absolutely fictitious individual and that these reports were given to his Soviet superior because GOLD was constantly being hounded for other recruits in Soviet espionage.

Relative to Page 4, GOLD said that when the GOLD family lived in the 2400 block of South Philip Street, there was a Mrs. EPSTEIN who resided there with her daughter, LOTTIE. He said that LOTTIE was a classmate of his in grammar school and played the violin. GOLD said that his mother and LOTTIE's mother tried to get the two children (LOTTIE and HARRY) interested in each other. GOLD stated he did not recall that LOTTIE had a brother. GOLD said that when making up the background of the fictitious HERBERT EPSTEIN, he had the above Mrs. EPSTEIN in mind. The rest of the information on this page is false.

Relative to Page 5, GOLD said that SCHULTZ is also a fictitious individual. GOLD said that he thinks he first mentioned EPSTEIN and SCHULTZ to STEVE SHWARTZ. GOLD thinks that later FRIED took it up and asked GOLD whether he remembered "the guy in the Navy Yard," referring to HERBERT EPSTEIN. The information on this page is entirely false.

Relative to Page 6, GOLD said that he obtained the information therein from newspapers.

Pages 7 and 8 are all false.

With reference to Page 9, GOLD said that SHIRLEY OKEN is a girl with whom GOLD went prior to the time he attended Xavier University and who "jilted" GOLD. GOLD said he had been dating SHIRLEY OKEN since about 1936. He said that SHIRLEY lived in South Philadelphia in the 2400 block of South Philip Street. He said that SHIRLEY ultimately married a fellow whose first name was MARTIN but whose last name he could not recall.

TSM:HKF
65-4307

Item # 29
PH 65-4307

at 6:00 PM with the same result.

I have been unable to locate the man I heard speaking in favor of Trotskyism at an acquaintance's home about a year ago. Have been trying to locate several people I formerly knew who may be able to introduce me to a member of that organization but I had not had the time to follow this up as well as I want to.

... to see "Blackbeard" a picture ...
 ... I told him that many Americans ...
 ... only wishing to take ...
 ... the greatest ...
 ... I did not see ...
 ... on the following ...

6/3/50
 JHC
 803

C. A.

I have ... for ...
 ... we went to ...
 ...
 ...
 ...

I ...
 ...
 ...

C. B.

The ...
 ...
 ...
 ...

I called ...
 ...

I have been ...
 ...
 ...
 ...

Item #2

HERBERT EPSTEIN is about 28 or 30 years of age and was born in America. His parents came here from Russia and only his mother is now alive. I have met her and she is an intellectual, refined woman who is very much interested in charitable work among the Jewish people, particularly in Zionism. Her political views are very vague. In fact I doubt very much if she has any definite convictions. I think she owns some property which brings her a fairly steady income.

EPSTEIN was educated at grammar school and high school and attended some technical school (which one I'm not sure) in the evenings, where he learned engineering drawing. He has been in the employ of the P.N.Y. for about five years as a draftsman. For about three years he worked in the department of aircraft design but lately has been transferred to the construction of light cruisers. Just exactly what work he is now doing I cannot say. As to his political beliefs EPSTEIN is quite a radical Socialist, but unfortunately as I discovered these were just beliefs,

RCH:HKP
65-1307

Herbert Epstein ~~is about 20 years old~~ ^{about 28 or 30 years old} 6/2/50
P.C.
250
~~and his age was born in America~~

His parents ~~originally~~ came to ~~the U.S.~~ here from Russia and only his mother is now alive. ~~She is~~ ^{intellectual} ~~she is~~ ^{who is} a very refined woman ~~who~~ very much interested in charitable work among the Jewish people, particularly in Zionism. Her political views are very vague, in fact I doubt very much if she has any definite convictions. ^{I think she was some property while they were a fairly steady income.}

Epstein was educated at grammar school & high school & attended some technical school (which one I am not sure) in the suburbs where he learned ^{Engineering} ~~drafting~~. He has been in the employ of the P.N.Y. for about five years as a draftsman. For about three years he worked in the department of aircraft design but lately he has been transferred to the construction of light cruisers. Just recently what work he is now doing I cannot say.

As to his political beliefs, Epstein is quite a radical socialist but unfortunately as I discovered these were just beliefs

Item 729

and did not give rise to any definite action. He is what is often called a "parlor pink."

I first met him as I have said at the SCHULTZs, and I was very much impressed and hopeful at that time but then I gradually changed my ideas.

I saw EPS for several months after I had stopped seeing the SCHULTZs as he too had become pretty well disgusted with the newsweds and almost stopped going there. All attempts to elicit any info from him were very unsuccessful as he refused to talk of his work, only in a very general way. He once said that they had been given orders at the Navy Yard to speak to no one at all about their work and that he was afraid he would lose his job if he said anything to anyone. ^{He} actually once heard him speak sharply to his mother because she merely asked him how his work was coming along.

It may be that my attempts were unsuccessful because I used the wrong technique, but all these details were thoroughly discussed with our mutual friend before I did anything so I think that we have merely to deal with a very scary individual. Therefore I stopped seeing EPSTEIN about six months ago. However, when I called him on the phone this week he was glad to hear from me and we made a tentative arrangement to meet next week.

*This
on
slip
at
page*

RCH:HCF
65-1307

and ~~confined~~ ~~to~~ ~~myself~~ did not give ~~over~~ ~~to~~ ~~any~~ ~~definite~~ ~~action~~. He is what is of the
called a "parlor pink". 6/21/50
guc
gsp
I met him as I have

said at the debut, I was very much impressed
& hopeful at that time but then I gradually
changed my ideas.

I saw Mrs. for several mos. after I had
stopped seeing the debut, as he too had
become pretty well disgusted with the
newly-made & also stopped going there.
~~They~~ all attempts to elicit any info
from him were very unsuccessful as he
refused to talk of his work only in a very
general way; he once said that they had
been given orders at the N. Y. to speak to
no one at all about their work & that he
was afraid he would lose his job if he
said anything to anyone. He ~~just~~ actually
once heard him speak sharply to his mother
because she merely asked him how his
work was coming along.

It may be that my attempts were
unsuccessful because I used the wrong
technique but all these details were thoroughly
discussed with our mutual friend before I

did anything so I think that we have merely
to deal with a very scary individual. I stopped
seeing Epstein about six weeks ago. ^{7 weeks}
~~with a date on the phone~~ however when
I called him on the phone this week he was gone
so we made a tentative arrangement to
meet next week

4/3/50
JLB
287

Item #29

H.E.

E. is now working plans on the new battleship now under construction at the P.M.Y. This is one of two sister ships, the second one the Brooklyn N.Y. This is as much info as I was able to obtain from him. He was formerly working on a light cruiser which was recently finished. He did say, however, that practically all the general design is done at Washington but these are then sent down and the detail work done here.

RUC
MCM:HEP
65-1307

N. D.

6/2/50
9/2/50
8/8/50
⑤

is now working on the new battleship
 now under construction at the P. N. Y. This
 is one of two sister ships, the second one
 the battleship N. Y. This is as much info
 as I was able to obtain from him. He was
 formerly working on a light cruiser which was
 recently finished. ~~at the~~ He did say
 however, that practically all the structural
 design is done at Wash. ~~and~~ ~~the~~ ~~rest~~ ~~is~~ ~~done~~ ~~at~~
 the rest done at the other work done here

Item #29

HERBERT EPSTEIN

I met EPSTEIN during the week and we went to the movies. As was suggested we talked at length about false advertising in newspapers; from there drifted to consumers' problems in general and then to a worker's difficulty in making a living. It has already been mentioned that EPSTEIN is very liberal in his viewpoint and these subjects are easily discussed with him. I shall see him again next week and continue our conversations, this time dwelling on current events.

RHG
RCH:HKP
65-1307

Robert Epstein

I met Epstein during the week & we
went to the movies. As was suggested
we talked at length about fall ad-
vertising in newspapers; ~~also~~ ^{from these districts}
to consumer problems in general and
then to ~~work~~ a workers difficulty in
making a living. It has already been
mentioned that Epstein is very liberal
in his viewpoint & these subjects and
~~issues~~ are easily discussed with him.
I shall see him again next week &
continue our conversations, this time
turning dwelling on current events.

6/3/50
JTB
JTB

Item #29

HERBERT EPSTEIN

I saw KFC. Tuesday. We did not go anywhere as a terrific rainstorm broke and lasted until early Wednesday morning. We talked for a while on H's boldness and Eng's kow-towing to him. We then dwelled upon the plight of the Jews all over the world. HERB did not think anti-Semitism would spread very far in America but I told him he was mistaken.

We then agreed it was too bad it was raining so hard we couldn't go out and I added that I did not get out sufficiently. He said that he thought so too and that he wanted me to go over to some girl's house Sunday. HERB said that he had told her all about me and that she would have a girl there for me. I demurred a little but finally agreed and so we shall see each other again Sunday.

RHG
BCH:HKF
65-1307

Robert Carter

6/3/50
9/2/50

I saw Capt. T... for we did not go anywhere
as a terrific rainstorm broke & lasted till early
Wed. morning. He talked for a while on H...
soldiers & Capt. T... towing to him. We then
^{talked upon} spoke of the plight of the few ^{whom}
the world would not think anti-semitism
would spread very far in America and I told
him he was mistaken.

We then agreed it was too bad & was
saying no more & we couldn't go out & I told
that I did not get out sufficiently. He said
that he didn't see too & that he would like to
go over to some girl's house Sunday; Herb said
that he had told her all about me & that
she would have a girl there for me. I demurred
a little but finally agreed & so we shall
see each other again Sunday.

Item # 29

H. E.

Sunday Eps. and I went to his girl's house and spent a fairly enjoyable evening. His friend C. is a pleasant dark-haired girl of about 23 or so. Her parents have a small shop in a rather dingy neighborhood but the house is very well furnished and clean. The girl she had brought over for me Dot, works in a small dress shop on Arch Street. She was a rather tall, red-haired girl of 25 or 26 years and is very attractive, though she depends more heavily than necessary on cosmetics. We played cards and talked most of the evening. When I took S. home, she asked me to come over and see her Tuesday.

I arrived about 9 Tuesday evening, too late to go anywhere but we had a long and interesting conversation. She is really very intelligent. I learned that she works as a salesgirl for Gimbel Brothers in Philadelphia. We had a date to go to the movies this Sunday.

I saw Eps. again Wednesday and we went to the movies but our talking was mostly of the girls. I called him again Sunday and arranged to have him come to my house Thursday.

RHD:ntp
65-4307

[Faint, mostly illegible handwritten text, possibly bleed-through from the reverse side of the page.]

6/2/50
JMK
859

Item #29

E. E.

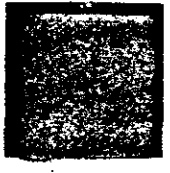
Epstein came to my house Thursday and we went for a long walk as it was a very hot evening. He wanted to talk mostly of his girlfriend and so I let him and told him that she seemed to be a very fine person and that I liked her friend Shirley too, and that we should go out often together.

I saw Shirley ^{Chen} on Tuesday and I suggested going to see her friend Dorothy but she said she would rather go to the movies. We talked afterwards on the difficulty of a girl in making a living and I went on to mention especially the obstacles confronting anyone of Jewish ancestry. I had arranged to see Shirley Sunday afternoon and when Dorothy and Herb came over, we all went to Willow Grove Amusement Park. Unfortunately, our fun was curtailed when the storm broke (which lasted all day) and we all got wet on the long ride home. I went to Shirley's home again on Tuesday. [It was still raining and she was very tired and we stayed home and talked. She told me of her young nephew and what a pretty boy he was and we spoke of the happy existence of children in general. I then said how terrible it was that innocent and happy lives of babies should be so fearfully ended by the horrors of war - bombardments, gas attacks, and famine.

I called S. later in the week and we agreed to see each other during the weekend.

This on separate page

RHD:stp
65-4307



center meeting in C.

I ~~was~~ there & we went for a long walk as it was a very hot day. He talked mostly to talk mostly of this girl friend & so I let him run. ~~He~~ ~~was~~ ~~very~~ ~~friendly~~ ~~to~~ ~~me~~ ~~and~~ ~~we~~ ~~talked~~ ~~for~~ ~~hours~~ ~~and~~ ~~he~~ ~~seemed~~ ~~to~~ ~~be~~ ~~a~~ ~~very~~ ~~fine~~ ~~person~~ & that I liked her friend Shirley too & that we ~~should~~ ~~go~~ ~~out~~ ~~of~~ ~~town~~ together.

6/2/50
24
270

I saw Shirley & her on Tuesday & I suggested going to see her friend D. with but she said she would rather go to the movies. We talked afterwards on the difficulty of a girl making a living & ~~she~~ ~~was~~ ~~very~~ ~~friendly~~ ~~to~~ ~~me~~ ~~and~~ ~~we~~ ~~talked~~ ~~for~~ ~~hours~~ ~~and~~ ~~she~~ ~~seemed~~ ~~to~~ ~~be~~ ~~a~~ ~~very~~ ~~fine~~ ~~person~~ & that I liked her friend Shirley too & that we ~~should~~ ~~go~~ ~~out~~ ~~of~~ ~~town~~ together.

I ~~was~~ ~~very~~ ~~friendly~~ ~~to~~ ~~me~~ ~~and~~ ~~we~~ ~~talked~~ ~~for~~ ~~hours~~ ~~and~~ ~~she~~ ~~seemed~~ ~~to~~ ~~be~~ ~~a~~ ~~very~~ ~~fine~~ ~~person~~ & that I liked her friend Shirley too & that we ~~should~~ ~~go~~ ~~out~~ ~~of~~ ~~town~~ together. ~~she~~ ~~was~~ ~~very~~ ~~friendly~~ ~~to~~ ~~me~~ ~~and~~ ~~we~~ ~~talked~~ ~~for~~ ~~hours~~ ~~and~~ ~~she~~ ~~seemed~~ ~~to~~ ~~be~~ ~~a~~ ~~very~~ ~~fine~~ ~~person~~ & that I liked her friend Shirley too & that we ~~should~~ ~~go~~ ~~out~~ ~~of~~ ~~town~~ together.

I saw Shirley's name again on Tuesday.

and talked for a while of the outlandish
democracies & I mentioned that there was a way
for & on the way to becoming one. ~~It is~~
~~quite a while~~ we discussed this for
quite a while & I checked every point for a
perfect democracy against what is actually
being accomplished ~~that~~ the ~~the~~ ~~the~~

~~She~~ ~~was~~ ~~my~~ ~~friend~~ ~~and~~ ~~she~~ ~~was~~ ~~still~~ ~~living~~
 & she was my friend and she stayed home &
 talked. She told me of her mother
 & what a pretty boy she was & we spoke
 of the happy existence of children
 in general. I then said how
 horrible it was that innocent ^{happy} lives
~~of~~ babies should be so
 fearfully ruled by the horrors of war
 bombardment, gas attacks, [&] famine
~~and~~ ~~death~~.
 I called ~~it~~ & later in the week
 we agreed to all meet at the dining table
 next week.

6/3/50
 G.P.
 G.P.

Item #29

H.K.

Atlantic City
HERB and I together with DOROTHY and SHIRLEY went to A.C. on Sunday and Monday, July 3 and 4. The girls secured a room at a hotel and HERB and I bunked together in another place. During the time that we were not with the girls HERB and I naturally spent a great deal of time in each other's company and thus I had a grand opportunity for long conversations with him. I remarked how many Jewish people there were here. I said that in Germany Jews were not allowed at the seashore and other resorts. I spoke of the menace of F.K. whose avowed aim was the destruction of all Jews in America. Even here I told him there are hotels and rooming houses which openly advertise in the newspapers "Gentiles only."

Robert Hood Bell
SHIRLEY and I went to the E.H.D. Tuesday, July 5 to see the ballet. After the performance I said that there was very little ballet dancing in Italy and Germany. There the women were being trained only to breed more and more sons for future slaughter. Such an existence I said was worse than that of an animal. Possibly I made a mistake in seeing SHIRLEY so regularly. She is far too affectionate to suit me and guess she thinks I am courting her and I hate to lead her on — yet if I disillusion her I am likely to lose this connection with EPSTEIN.

Robert Hood Bell
I saw HERB Thursday, July 7, and spoke of the two-faced policy in Palestine and how I did not think Zionism was the solution of the Jewish problem. When he asked what was I told him that I thought it was a long range plan involving the preservation of democracy in those countries in which it exists and its ultimate ext. to the entire world. We talked for a while of theoretical democracies and I mentioned that Russia was fast on the way to becoming one. We discussed this for quite a while and I backed every point for a perfect democracy against what is actually being accomplished in the Soviet Union.

on back page

RHG
25H:HKV
65-1307

Item #29
FB 65-1307

H.E. or H.E.

I saw man Aug. 1 and by discreet questioning detd. that D. had not told me the truth about the P & be in the Naval Library when he said they could not be taken out. I merely used this as a check as I had already found that this was the case from a study of a pamphlet issued on the Navy Yard for their apprentice system.

Wed. HERB and I went to R.H.D. with DOROTHY to see the opera "Carmen". I continued along the same lines as before to stress the destruction of culture by Germany, Italy and Japan with the attendant inevitable accompaniment of a "hate the Jews" campaign. H. told D. that I was "pretty well versed" on the subject, and I replied that it was necessary to realize this menace.

I also told him that I thought that the only way for the Jews to combat anti-Semitism, was to combat its proposed fascism & not to stop until it was absolutely erased from the world. He said this was a larger order, and I told him that it could be done with proper

WRB:ebn

N.C.

July 1

I saw ~~some~~ ~~other~~ ~~by~~ ~~direct~~ ~~question~~ ~~my~~
deter that I had ~~not~~ ~~understood~~ ~~not~~ ~~to~~ ~~do~~ ~~the~~
truth about the ~~proposition~~ ¹⁶² ~~when~~ ~~he~~ ~~said~~ ~~they~~ ~~could~~
~~not~~ ~~be~~ ~~taken~~ ~~out~~. I ~~indeed~~ ~~used~~ ~~this~~ ~~as~~ ~~a~~ ~~check~~ ~~and~~ ~~I~~ ~~had~~
~~already~~ ~~found~~ ~~that~~ ~~this~~ ~~was~~ ~~the~~ ~~case~~ ~~from~~ ~~a~~ ~~study~~ ~~of~~ ~~a~~
~~sample~~ ~~secured~~ ~~on~~ ~~the~~ ~~opportunity~~ ~~of~~ ~~an~~ ~~other~~
~~applicable~~ ~~letter~~. ~~and~~

Wed. 1st + I went to R.H.D. with ~~some~~ ~~to~~
see the ~~new~~ ~~open~~ ~~"~~ ~~center~~ ~~".~~ I ~~continued~~ ~~along~~ ~~the~~ ~~same~~
~~lines~~ ~~as~~ ~~before~~

also ~~to~~ ~~be~~ ~~his~~ ~~that~~ ~~I~~ ~~thought~~ ~~the~~ ~~only~~ ~~way~~ ~~for~~
~~the~~ ~~press~~ ~~to~~ ~~combat~~ ~~anti~~ ~~communism~~ ~~was~~ ~~to~~ ~~fight~~ ~~its~~
~~propaganda~~ ~~-~~ ~~Force~~ ~~; and~~ ~~not~~ ~~to~~ ~~stop~~ ~~until~~ ~~it~~ ~~was~~
~~completely~~ ~~wiped~~ ~~from~~ ~~the~~ ~~face~~ ~~of~~ ~~the~~ ~~earth~~. He ~~said~~ ~~this~~
~~was~~ ~~a~~ ~~large~~ ~~order~~ ~~but~~ ~~I~~ ~~told~~ ~~him~~ ~~it~~ ~~could~~ ~~be~~ ~~done~~ ~~with~~
~~the~~ ~~people~~ ~~&~~ ~~everyone~~ ~~could~~ ~~do~~ ~~his~~ ~~share~~.

to ~~other~~ ~~the~~ ~~destruction~~ ~~of~~ ~~culture~~ ~~by~~ ~~foreign~~ ~~states~~
~~from~~ ~~the~~ ~~inevitable~~ ~~and~~ ~~unavoidable~~ ~~and~~ ~~permanence~~
~~of~~ ~~the~~ ~~state~~ ~~the~~ ~~state~~ ~~the~~ ~~first~~ ~~campaign~~

N. C. A. ~~and~~ ~~I~~ ~~was~~ ~~partly~~ ~~well~~ ~~lipped~~ ~~on~~ ~~the~~
~~subject~~ ~~&~~ ~~I~~ ~~replied~~ ~~that~~ ~~it~~ ~~was~~ ~~absolutely~~ ~~to~~ ~~be~~ ~~done~~
~~this~~ ~~way~~.

6/3/50
JLD
JLD

Item 72

H.I.

I saw S. O'NEIL Tues. ¹² and when DON ^{that} and HERB came over, we all went for a walk in the park -- it was very hot and we had some sodas. The talk was of a general nature, for the most part of recent movies.

Thursday ¹⁴ I went to HERB's home to help fix his camera. It is an Agfa Ansco FD 16 Hyper model of the folding type. The trouble was that he had lent it to some people who had taken pictures at the seashore and sand got into the traction so that it would not open or close smoothly. We finally fixed it by careful cleaning. Afterwards I brought the conversation around to H.H.'s epic flight and here (as with K.A.) I took the opportunity to stress the aid given to the flight by R. I quoted HUGHES' own words, "Everything was perfect." Against this I contrasted the Ger. government's insistence that the plane flight had an altitude of over 10,000 feet and along a prescribed route. I told him the inference was plain as to which country was friendly to the U.S.

RHO:HEP
65-1307

H. C.

I saw R. O'Keefe 7 miles from ...
... it was very hot & we had some
... the talk was ... for the most part
of recent ...

6/3/50
JMS
JMS

~~to~~ I went to ...
to help fix his camera. It is an
after ... PD 16 Hypo ...
of the folding type. ... the trouble
was that he had sent it to some people
who had taken pictures at the ...
& ... had ... gotten into the ...
... it would ...
We finally fixed it ... by a ...
cleaning. ...
... to ... flight and ...
(as with R.O.) I took the opportunity to
... the ... flight
of R. I quoted Hughes own words ...
Everything was perfect. Against this I
contrasted the ...
... flight at ...
... an altitude of over 10,000 feet ...
... I took ...
... plane ...
... to the U.S.

65-4307-1B-5(29-18)
JOSEPH SCHULTZ INFO

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1B-5 (29-18)
(JOSEPH SCHULTZ)

This exhibit consists of four pages of rough draft reports in GOLD's handwriting, which were ultimately rewritten and submitted to GOLD's Soviet superiors, according to GOLD.

GOLD said first that JOSEPH SCHULTZ was a fictitious individual.

Relative to Page 2, GOLD's reference to "the office" was a code word for the Philadelphia Navy Yard with FRED or STEVE. GOLD said that FRED or STEVE reprimanded GOLD for making direct reference to the Philadelphia Navy Yard in his reports and instructed him thereafter to refer to the Philadelphia Navy Yard as "the office." GOLD said that he does not know how he selected the name of JOSEPH SCHULTZ and he might have obtained it from a yearbook of the South Philadelphia High School, a telephone directory, or any place.

The information contained on Page 3 is entirely false, except that the information on planes, etc. was probably obtained by GOLD from newspapers.

Relative to Page 4, GOLD said that this should really be Page 2 of his report, and with reference to the second paragraph, GOLD said that FRED was pressing GOLD for some more information on SCHULTZ. GOLD said that SCHULTZ's name must have originally been submitted by GOLD to STEVE SHWARTZ, and when FRED took GOLD over, FRED must have run across the SCHULTZ report and asked GOLD for more information on SCHULTZ.

Relative to the above reports on SCHULTZ, GOLD said that he made up the name JOSEPH SCHULTZ for his Soviet contact, STEVE SHWARTZ. GOLD said that he immediately painted a very discouraging picture of the possibility of recruiting SCHULTZ and since STEVE seldom pressed GOLD for such information, GOLD stopped submitting reports on SCHULTZ. GOLD said that when FRED came on the scene, he opened up the whole business and pressed GOLD to recontact SCHULTZ and for this reason GOLD made up the story about SCHULTZ's getting married.

GOLD stated that he retained the above reports because of the fictitious nature of the information, and he thought he might possibly have to refer to them upon inquiry from FRED or STEVE.

This exhibit was shown to GOLD on 6/15/50.

TSM:HKF
65-1307

Item #29

J.S. about 28 years of age, native of the U.S. through his parents, both living. I believe they originally came from Rumania or Russia. SCHULTZ's father is a tailor for one of the many clothing manufacturing companies in Philadelphia and works fairly regularly but not sufficient so to enable him to have very much money to fall back on. The elder SCHULTZ is mildly liberal (being a strong union man) but his politics are mostly of the negative kind -- what he would like to see done, not what he would like to do. SCHULTZ's mother is not of great interest, being an ordinary Jewish housewife.

SCHULTZ himself was educated in G.S. and H.S. and it was in the latter that I met him and in company with a group of elder boys became quite friendly. After leaving school JOE worked at several jobs and finally became a mechanic apprentice at the office. Since then he has worked himself up to the position of foreman in the construction and maintenance of Naval aircraft.

RLC
RUY:HKP
65-1307

6/3/50 ²⁰ ₁₀ 6

I s. about 20 years of age. ~~the~~ nature of
the U.S. tho' his pts both living of ~~from~~
~~there~~ I believe, they originally came from
Rumania or Russia. Schultz's father is a
tailor for one of the ~~stores~~ ~~and~~ many
clothing manufacturing companies in Phila.
and works fairly regularly but not with
so to enable him to deal with very much
money or to fall back on. I believe Schultz
is mildly liberal (being a strong union
man) but his politics are mostly of the
negative kind - what he would like to see
done, not what he would like to do. Schultz
mother is not of great interest, being an
ordinary Jewish housewife.

Schultz himself was educated in
D.C. & N.D. and it was in the latter that
I met him and in company with a
group of other boys became quite friendly.
~~After~~ after leaving school he worked at
several jobs & finally he became an
apprentice at the office of ~~the~~ ^{admiral's} ~~submarine~~
he has worked himself up to the
position of foreman in the construction
& maintenance of naval aircraft.

Item 72

J.S.

S. is now in charge of a group doing maintenance and repair work. At present they are taking care of the older planes used by the Naval Reserve as training ships. Several weeks previously they were working on a new type of plane which was being tested by Naval flyers. JOE says they are often shifted from one job to another -- the purpose apparently being that they do not get too familiar with any one type of plane. All of the work is in charge of officers in the regular Navy.

Bill
65-1307

(3)

P. S.
in case of emergency

6/3/50
918
817

(3)

It is now ~~working~~ at maintenance & repair
work. At present they are working taking care of
the older planes used by the Naval
Reserve as training ships. Several weeks
previously they were working on a new
type of plane which was being tested by
Naval pilots. For some time, one of them
shifted from one job to another - the
purpose, apparently, being that they do
not get too familiar with any one type of
plane. All of the work is in charge of
officers in the regular way.

Schultz-

65-4307-1B-5(29-18)

Item #29

I called him this past week and determined that he was still engaged in the same work.

After we left high school, I continued my acquaintance with S. and got to know him quite well, after meeting at his or other people's homes for a social meeting of cards, etc. It was at one of these parties over a year ago, that I met Herbert Eps. of whom I shall write later.

Schultz's politics and views have always been more pronouncedly radical than those of his father, and for a while, I had hopes of completely converting him to our viewpoint but lately all has changed. About two years ago, he began to go steadily with a girl and over a year he married her. Since then he has been completely dominated by his wife, who comes from a family of small business men and his mental outlook has become just as hers. Far worse than this, is the fact that Schultz confides in her implicitly to every slight detail. In all, it is one of the saddest cases of a woman wearing the pants of the family that I have ever seen and nothing can be done about it. Also, Joe's wife does not like me as I spoke very bluntly to her once about

These last
two sentences
on separate page

I called him this past week and he told
~~as I had not~~ and he told
that he was still engaged in the same
work.

6/3/50
JCP
ED

after we left him I continued my
acquaintance with him & ~~about~~ got to
know him quite well after meeting at
his or other people's houses for a social
evening of cards, etc. It was at one of
these parties, over a yr. ago, that I met
her best Cos. of whom I shall ^{write} ~~write~~ later.
Her ^{own} politics had always been
~~very~~ ^{very} ~~profoundly~~ radical than those of
his father & for a while I had hopes of
completely converting him to our viewpoint
but lately all has changed. About two years
ago he began to go steadily with a girl
& ~~about~~ ^{over} a year he married her. Since
then he has been completely dominated by
his wife (who comes from a family of
small business men, & his ~~mental~~ outlook
has become ~~that~~ ~~completely~~
just as hers. For would that this is the fact
that her husband confides in her ~~implicitly~~
to every slight detail - for all it is one
of the saddest cases of a woman ~~ruining~~
the part of the family that I have ever

that I have ever seen; and nothing
can be done about it. also Joe's wife
does not like me as I spoke very
bluntly to her once about

6/3/50
JW
JW

Item #29

Been; and nothing can be done about it. It was because of this that I
ceased to see him about eight or nine months ago.

Call: HRP
65-1307

seen, and nothing can be done about it. (3)

It was because of this that V could to
see him ~~again~~ about 8 or 9 months ago.

6/2/50
gud
219

65-4307-1B-5 (29-1B)

DANIEL KLINE INFO

SAC, Philadelphia

6/23/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, was.
ESPIONAGE - R

EXHIBIT NO. 65-1307-1B-5 (29-18)
(DANIEL KLINE)

This exhibit consists of sixteen handwritten pages, which GOLD identified on 6/15/50 as his handwriting. GOLD stated that all of this material are rough draft reports which were subsequently made into final reports and turned over to GOLD's Soviet contact. GOLD stated that he had no idea at the time of recruiting DANIEL KLINE, and that he merely handed these reports in as a delaying action on GOLD's part until GOLD could get away to school in the fall of 1938. GOLD said that except for the description of KLINE and possibly calling him one time, all of the alleged activities between KLINE and GOLD are absolutely false. GOLD said that he thinks that all of the alleged conversations and methods of approach outlined in the reports were suggestions of FRED to guide GOLD in trying to recruit KLINE.

GOLD stated that the period of his reports was the summer of 1938. GOLD stated that DANIEL KLINE was graduated with his brother, JOSEPH GOLD, from high school in 1935.

GOLD said that the idea of obtaining books from the Philadelphia Navy Yard library, as set forth in several of the reports, was an idea of his Soviet superior, FRED.

Certain corrections on the typewritten transcription made by this office have been noted in ink. These corrections were made through the assistance of GOLD, who was in a better position to read his own handwriting.

TSM:MEF
65-1307

SAC

June 8, 1950

ALBERT L. PIERCE, SA

DANIEL KLINE
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper which appeared to be in the handwriting of GOLD and which refer to DANIEL KLINE, or D.K. These sheets are believed to represent GOLD's reports to his Russian superiors regarding his attempts to recruit KLINE as an espionage agent. These sheets set out in detail GOLD's contacts with KLINE on a social and theoretical level, along with his attempt to obtain information through KLINE from the Philadelphia Navy Yard.

Typewritten copies of these sheets have been made and are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEADS:

Will exhibit these sheets to GOLD for his complete explanation and interpretation, including the name of the person to whom these reports were made.

Will obtain additional information regarding KLINE's activities since the time of these reports.

Will obtain complete background information regarding KLINE from the Philadelphia Navy Yard and other established sources.

It is suggested that a new 65 case be opened on KLINE.

ALP:MEK:cG

65-

cc: (65-4307) (HARRY GOLD)

PHILADELPHIA
JUN 10 1950
184

Item 72

DAN KLINE

D.K. is about 21 years of age and was born in Philadelphia. His father, E—— KLINE, is American born and has been in the real estate business for about 40 years and was for years a well known figure in the section of S.P. in which I lived. The elder KLINE is a liberal who often writes letters which are published in the readers columns of the newspapers. I know nothing of his mother.

DANNY graduated from H.S. with my younger brother about two years ago and for a while worked at various odd jobs and took a night course in stenography and typing. Through this training he was able to pass the examination for office boy in the Civil Service about seven months ago and was to begin work in the supply department of the P.M. Yard. About a month ago he passed another exam and was promoted to a file clerk in the same department. KLINE is a very and intelligent young man but his political although liberal are now negative as he is more

RHG
65-1307

Item #29

in girls, dancing and ball games. He is as I have said really a friend of my brother's but I can cultivate him though the process would be necessarily slow. A helpful coincidence is the fact that I graduated from high school with his brother JEROME (JERRY) in 1928, who is now working in the Bureau of Internal Revenue in the Income Tax Department in New York.

RUC
RUC:HKP
65-1307

Item 12

DANIEL KLIEB

I was unsuccessful in my efforts to see DANNY this week. As I did not wish to seem to force my friendship upon young KLIEB, I suggested to my brother that he call him and that we all go to the baseball game together; this was over the holidays when my brother was not working. Unfortunately KL. had already made arrangements to take an automobile trip so the plan fell through. My brother works till about 9 or 10 o'clock every night during the week and was naturally unable to go anywhere and thought it would be best not to call KL. personally. I shall try again this week.
end.

DHG
201:MKF
65-1307

-4-

Item #29

DANIEL KLINE

I called KL. Monday afternoon (he is done work at 4:20) and told him I had passes for the prize fights at the Cambria outdoor arena that night and as JOE (my brother) could not go, it would be a shame to waste them. Actually I had purchased the tickets in advance. He jumped at the opportunity and so we went to the fights. They were somewhat disappointing to me but young KL. appeared to enjoy himself.

When we were driving home - DANIEL had called for me in his car - he had mentioned that he was very thankful but I told him it was nothing, that I had often received passes from my friend, DOUGHERTY -- this is actually so. He said that he would like to return the favor and that he wanted me to go to the Hedgerow Theatre in Moylan, Rose Valley, near Philadelphia. This is a famous organization of actors who lived all year round in this community of their own and who have entirely built their own theatre and who have a repertoire of over 100 plays which they produce themselves. I said that I would be very glad to go and DANIEL said he would work out and set the date this week end.

PAC
BETH HEP
65-4307

Item #29

D. K.

On Wednesday we listened to the Louis-Schmeling fight on the radio. We were both pleased to see Schmeling beaten and agreed that it would be a tremendous blow to the myth of Aryan supremacy. I went on from there to point out the danger to the Jews in this country on the spreading of the very harmful propaganda by Hitler's emissaries and the great willingness which many people here (especially those of non-German ancestry) would accept such a doctrine. He said that he did not think the threat would ever really amount to anything in this country, but I pointed out that Hitler and his brown shirts right up until 1933, had been laughed at by most Jews in Germany and that there was a great danger in refusing to take this threat seriously.

My mother joined in and said that she knew what a gentle and law-abiding people the Germans had been when she was in Berlin and how they had been changed by the combination of propaganda and brutality.

I saw K. Z. Friday again. We went to the Robin Hood Dell in Fairmount Park where the Philadelphia Orchestra gives outdoor concerts and opera performances.

RHO:mtp
65-4307

Item #24

Summer. During the intermission I mentioned that the works of Mendelssohn were forbidden in Germany. After the performance we talked of how terrible it must be in Germany with a Minister of Culture to judge what music should be played and by whom. This point went home as Danny is truly and passionately fond of good music.

We went to the Dell again Saturday as we both wanted to hear the orchestra as conducted by Alfred Wallenstein and it was well worth it. I thought it would be best to ease up on the pressure and mention nothing of the subject of the persecution of the Jews. We talked of girls and Danny said that he felt he was too young to attach himself permanently to any one. He wanted to be free to do as he pleased for some time yet. I agreed with him.

Danny came over Monday in spite of the rain. He had brought the fellow who had a half — in his automobile and we played cards all evening.

Wed - we played tennis
(left out →)

RHO:mtp
65-1307

Item #29

At some courts close to where Danny lives - it was the first time in 2 years for me but I enjoyed it in spite of carrying my weight over the court for two hours. We cooled off with a long ride afterward and I told Danny jokingly that if Fascism ever came to this country we would have to give up tennis, as Jews would probably be barred from all places of amusement. He said quite seriously that he did not think it was such a joke and I saw then that he was coming around to the proper viewpoint. I did not press the point but let him do most of the talking.

I saw Danny again Thursday - by this time we had become so friendly that we would call every other time we wanted and we went to the movies. Our talk was again on the same subject and I gave our friend actual incidents which had occurred to people I knew showing the very open character of anti-Semitism. He said that I was right and wondered what could be done about it. I told him that the question had often troubled me and we left it at that.

RHO:mtp
65-4307

Item #29

D. K.

I saw D. Saturday evening, Jan (June) 9. It was very hot, and we sought relief by going to Boulevard Pool for a swim. We talked of the heat and how to escape it. I said if he were rich he could go to Maine or Canada during the summer; that it would not be necessary for him to work in a stifling afternoon in the summer. He said at that, we were better off than the poor people in the small crowded streets of the slums who did not even have the facilities or the 25¢ to go to a pool. I replied that that was just the danger; that we of the so-called middle class were apt to be grateful for the small favors granted us and consequently, forget that in a large essence, capitalism is as bad to the white collar class as it is to the very poor. However, I told him that the solution to this problem in the United States is a long way off.

We went swimming again Wednesday. I brought the conversation around to the subject of the previous week, that of joining an organization and said that I could see his point against such a move. He said that that was his only objection to the step. Further, that he would be glad to make any small contribution to help out. Altogether, he seemed anxious to make amends that he had an ashamed feeling for not entering wholeheartedly into the matter after my arguments of the previous week.

RHG:stp
65-4307

Item # 29

D. I.

D. was at my house Monday but spent most of the time with my brother talking about a party that they and some other boys were going to give for one of their group who was graduating from Temple University. I did arrange with our friend to go to the H. Theater on Thursday. My brother was unable to go on account of his late hours.

I. K. called Thursday and we enjoyed an excellent performance. The entire theater (once a huge barn) and its make-up, are extremely interesting - an excellent example of art freed from commercialism. The drive was long, one and one-half hours each way, and we talked but mostly of baseball and other sports. D. was over at the house Sunday but unfortunately I was in Kearney, N. J., however I called him tonight and we arranged to go to the movies. Wed.

RHD:ntp
65-1307

Item #29
PH 65-4307

D.K.

First V. publ. of the heroic work of the Int. Brigade in Spain and how they were ready to die for a cause.

I saw D. Tuesday and proceeded straight to the point. Then asked him whether he was willing to further the cause of Democracy in its battle against Fascism, particularly I said it was necessary to strengthen the Soviet Union as the only bulwark against the encroaching horror and I reminded him that he several times mentioned he was willing to aid. What was he willing to do?

He said he really didn't know but he would make contributions within his means to. I told him that was good, but what was really wanted was information on the N. Yd. of a sort that would be valuable. He said that he could not do that under any circumstances and was very dangerous and besides it was against his principles. I told him he had the wrong idea, he was not going to loot the whole Navy Yard. I continued and told him that I knew for a fact that books and periodicals could be taken from the Naval Library by any employee, and that the apprentices did so all the time to aid them in their studies. A systematic study of such periodicals might yield some facts of interest. Another thing of use were plans of various buildings and names of Naval Officers that he knew. There was certainly nothing inimical to the U.S. in such info, and it would be a great help in other places.

He continued to protest that he could not do such a thing. It was against his ethics, that he still thought it was dangerous and any slight hint of irregularity would be investigated. I said to remember that all the Fascist countries in the world were built up against the Soviet Union, that help in the direction I had mentioned was very necessary. If Fascism conquered he did not have to be told what it meant to the Jews in the world. Further, I said his view was exaggerating the value of the work to be done.

DANNY continued obdurate and I saw that nothing could be done. I said in such a case we could forget the whole thing, but I was sure that sooner or later he would come to me and say that I was right. He seemed quite relieved and we parted on amicable terms.

(From here on - on back of page) Pitz

I saw him again Thursday (August 4) and we went for a drive to escape the

WRB:ebn

Item # 29
PH 65-1307

host. He appeared afraid that I would mention the subject again and he made the conversation and spoke of everything, also sports, girls, the boat, automobiles, etc. I tried to appear more friendly than usual and talked of future plans for going places, so we are still good friends.

First I det. from EPSTEIN and from a pamphlet used by the N. Yd. in their apprentice system for training artisans that D. had not told the truth when he said no books or periodicals could be taken from the Naval Library. There is a circ. lib. of 100 text books (both elementary and specialised) and 300 magazines (not all technical) and the men are encouraged to study the above themselves. The idea is to insure a steady supply of skilled workers for the future.

Item #29

D.K. 27

H.E. 20

I saw KL. Monday, 2 p.m. and covered same general plan that had previously been followed. We spoke of the Kansas minister who was becoming a power in politics there by his advocacy of the principles of Hitler. D. said that he had never heard of him till lately. I replied that this preacher of hatred had been unknown till he made a trip to Germany in 1935 and on his return blossomed forth with a tremendous propaganda machine. What was the source of the money for such a campaign? I said the answer was obvious. I emphasized that this menace of brutal Fascism consequences must be fought and now. When we met again Tuesday I proceeded to carry out the proposed method on KLINE and I mentioned my hopes for getting ahead in the world and then said that he too should begin planning. We were speaking of my work at the PIC. He said that all examinations in his line were closed to him for three years as he had already had two promotions in less than a year, and I told him that this sitting back was exactly the wrong attitude, that as long as he was in the Civil Service he should cast about for a job requiring greater skill and which would naturally pay more; if he could combine his present administrative knowledge with that of a more technical nature, he would be in an enviable position as far as qualification for advancement. D. said that most jobs of this nature were filled by Naval officers. I said that from what he had told me that these men did not exert themselves too greatly and the active work was probably delegated to civilian employees who would need a similar knowledge to carry on their jobs. I said that we should begin at once to survey the field and thought that the best way to do this would be to tell the commanding officer in his department of his aim and to ask him what periodicals and books were available in the Naval library which would be of aid. With these we could make a thorough study of the matter and decide what would be most suitable for him. Further I said that I could

RAG
RHH:HKF
65-4307

Item #29

Be of great aid to him in technical studies such as math, physics, and engineering subjects.

D. thanked me for the offer but there was however, a growing reluctance on his face. Here, I continued, was also an opportunity for him to aid the cause of democracy and combat Fascism by strengthening the Soviet Union. There might possibly be in this literature, some valuable bits of information which one could not turn down for future use. Danny said that he would make inquiries the next day at work.

When I saw him Thursday, he said that he had found out that no periodicals or books or material of any kind could be taken out of the Yard - there was a rigid law to that effect. I told him this was of no great moment and could lay out a plan of study without it. At this he seemed obviously relieved. I then detailed for him his schedule, the systematic study of higher mathematics and showed him how, by setting aside certain definite hours each week, he could easily master this beautiful science.

As regards his story about the regulations at the Navy Yard, I do not believe it, as the majority of the periodicals and texts are available at the Public Library. In fact, I once compiled a list of such magazines for our use. I think that he has some vague idea that by letting me see any material from the Yard, that he may compromise himself in some way. He had already told me that his mind had no real trend toward scientific knowledge.

I am greatly disappointed but I do not believe that the matter should be dropped. Our friend is young and much can yet be done toward forming his concepts and ideals.

REG:atp
65-1307

Item #29

D.K.

I saw D. Saturday before he left on his trip. We spoke of the handling British merchant men and from there went on to the discussion of a governmental setup in Italy. I showed him the similarity in the dictatorships in Germany, Italy and Japan. Against this I cited the brave stand against overwhelming odds being made by Spain and China but I particularly stressed the aid given these unfortunate countries by Russia, the only true democracy in the world, and I contrasted this with the two-faced policy of Britain. All this seemed quite a new attitude to D. He said it was true but he had never thought of it before.

When we met again on Wednesday I began by a discussion of the McN investigation. I cited the searching questions of the Senator and the straightforward answers of EARL BROWDER. I showed how they dispelled of the popular illusions of the big bad bogey of Communism. BROWDER's answers revealed the real purpose of the Communist Party in America as the preservation and the furtherance of real democracy. Against this I spoke of the answers given by F.K., especially where he stated that every Jew was an enemy of the U.S. and I interjected here that Soviet Russia is the only country in the world where anti-Semitism is a crime against the state. D. said that this was new to him. I went on from there to talk of the farewell dinner given Ambassador DAVIES in Moscow and of the address

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Incidentally I uncovered that he has charge of checking the receiving office's reports of welding supplies against the orders for the same to see if the quantities correspond.

RHC
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After the Soviet Foreign Minister spoke of the warm friendship and in which he compared the similarity in ideals of his country and ours. This fact I said had long been understood by all thinking people. I digressed a little to flatter him as discreetly as I could. I said I remembered how intelligent his brother was. I spoke highly of his father's letters to the various newspapers.

I said that in addition to furthering the friendship between the United States and Russia, everything possible should be done to strengthen the democracy in the USSR against attack. If Russia were wiped out, the odds against the United States would be too great. I said I had, some time back, known of several organizations here for just that purpose (of aiding Russia) and since last week, he had said he would like to do something about the situation, I would look them up.

Till now, he had agreed with me but here he suddenly stopped and said that he would not join any group in any way connected or whose aims included any other country as they were under very strict supervision at the Navy Yard; he said that any hint of connection with an outside organization might result in their discharge. Though he did not mention the recent Nazi spy case, I knew this was what he meant. I tried to ridicule his suspicion of the Yard's suspicions and vigilance and their interest in the employees' private affairs. I also attempted to shame him into a show of manhood but all to no avail. I finally dropped the matter as if I were no longer interested and we talked of baseball the rest of the evening.

I hate very much to say this but I think we have here to contend with what is known as a "parlor pink" - a person who is willing to enjoy the fruits of a revolutionary struggle if he can first sit by and discuss it abstractly.

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DAN KLINE

D.K. is about 21 years of age and was born in Philadelphia. His father, E----- KLINE, is American born and has been in the real estate business for about 40 years and was for years a well known figure in the section of S.P. in which I lived. The elder KLINE is a liberal who often writes letters which are published in the readers columns of the newspapers. I know nothing of his mother.

DANNY graduated from H.S. with my younger brother about two years ago and for a while worked at various odd jobs and took a night course in stenography and typing. Through this training he was able to pass the examination for office boy in the Civil Service about seven months ago and was to begin work in the supply department of the P.H. Yard. About a month ago he passed another exam and was promoted to a file clerk in the same department. KLINE is a very and intelligent young man but his political although liberal are now negative as he is more

QUC
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in girls, dancing and ball games. He is as I have said really a friend of my brother's but I can cultivate him though the process would be necessarily slow. A helpful coincidence is the fact that I graduated from high school with his brother JEROME (JERRY) in 1928, who is now working in the Bureau of Internal Revenue in the Income Tax Department in New York.

RRG:HTP
65-4307

